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WEATHER BUREAU

GOVERNMENT OF INDIA

India METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW, 1945

INTRODUCTION

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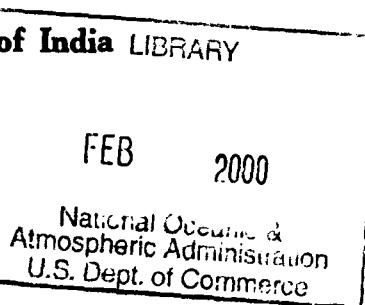
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UNDER THE DIRECTION OF

V. V. Sohoni, M.Sc.,

Director General of Observatories



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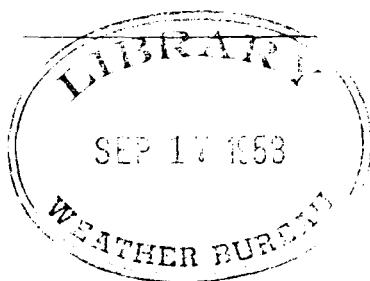
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INDIA WEATHER REVIEW, 1945

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INDIA WEATHER REVIEW, 1945

INTRODUCTION.

THE India Weather Review is composed of the twelve Monthly Weather Reports and the Annual Summary.

Monthly Weather Report.

Up to 1932, the Monthly Weather Report contained only the means of hrs. L. M. T. observations based upon the figures telegraphed for the Indian Daily Weather Report. The need for an afternoon weather chart the preparation of forecasts for aviators led to most of the observatories Persia, northern and central India and Burma being raised to class II the end of 1930. It was then considered desirable to include the afternoon observations of these observatories in the Monthly Weather Report base the means on the scrutinised data from the Monthly Meteorological Registers. When the arrangements for scrutinising were completed the Monthly Weather Report was expanded in January 1933 to contain the afternoon observations as well as the observations at climatological stations which send their observations by post. The remaining observatories in Peninsula were raised to class II in April 1937 and from 1938 the afternoon observations from these observatories are also published in the Monthly Weather Report. The starting of a separate Burma Monthly Weather Report in 1938 led to the omission of the Burma data from this publication in January 1939.

From 1933 each Monthly Weather Report gives a short account of the weather of the month and has the following five tables :—Table I containing divisional and sub-divisional means, Table II the monthly means of observations at 8 hrs. L. M. T. and 17 hrs. I. S. T. at Indian stations. The observations from 1943 are however being recorded at 9 hrs. and 18 hrs. S. T. (New) corresponding to 2 hrs. 30 mins. and 11 hrs. 30 mins.

M. T. respectively. Table III, the means of observations recorded at stations in south Baluchistan, Iran and Arabia at 4 and 14 hrs. M. T. up to June 1934, and at 4 and 12 hrs. G. M. T. afterwards (From January 1938 south Baluchistan stations were transferred to Table II owing to a change in the times of observation); Table IV the data of fourth class stations and Table V the rainfall data of fifth class stations.

Annual Summary.

Between 1933 and 1937 the Annual Summary was published in five parts. From the issue for 1938 it is published in four parts as detailed below. The part comprising the "Seismic Records" is now being published separately in the form of a quarterly bulletin called the "Seismological Bulletin":—

I. Introduction.—Title page; Table of contents; introduction including an alphabetical list of observatories and a list of stations equipped with autographic instruments; errata to Monthly Weather Reports and Annual Summary.

II. Part A.—Summary of weather and rainfall and tables of meteorological data. This gives a general description of the weather of the year, and contains annual tables corresponding to the monthly tables in the Monthly Weather Reports, monthly and annual tables for a few stations, tables of observations at the third hour of observation and daily means at the first class stations and special tables of nocturnal radiation temperature, sunshine data, hourly wind velocities and rainfall. Three plates showing the monthly and seasonal distribution of rainfall and monthly departures of pressure are given at the end.

III. Part B.—Snowfall. This gives a summary of the snowfall reports received from the mountain regions in the north of India.

IV. Part C.—Storms and depressions. This describes all storms and depressions and contains articles on western disturbances and local storms, and charts of storm tracks.

The following notes concerning the observatories, the instruments in use and their conditions of exposure, the methods of observation and reduction and grouping of results will be of some help to users of this volume.

Observing Stations.—An alphabetical list of stations, the data of which are included in the Monthly Weather Reports and in Tables I to IX of the Annual Summary, Part A, is given in the table below. The class to which the station belongs, the geographical co-ordinates (ϕ , λ), the heights of the barometer cistern (H_b) above M. S. L. and of the anemometer above the ground (h_a) are also given against each station.

The scheme of classification of observatories adopted in this department is the following :—

Class I.—Observatories taking three or more sets of observations per day at fixed times, and having autographic instruments for recording at least pressure, temperature, wind force and direction.

Class II.—Observatories taking two sets of observations per day.

Class III.—Observatories taking one set of observations per day.

Class IV.—Observatories not equipped with barometers, but taking either two or one set of all the remaining observations per day.

Class V.—Observatories taking instrumental observations of rainfall only daily.

The three hours of observation adopted at Indian stations were 9 hours I. S. T. 13-30 hrs. I. S. T. and 18 hrs. I. S. T. up to 16th October 1945 from which date the old I. S. T. corresponding to the longitude of 82°30' E was again brought into use the hours of observations in the latter standard time being 8 hrs. 12-30 hrs. and 17 hrs.

The north and south Baluchistan stations where observations were being recorded at 7 hrs. L. M. T. and 17 hrs. I. S. T. and 4 and 12 hrs. G. M. T. respectively up to the end of December 1937 have been brought into line with Indian stations from 1st January 1938 and now record observations at the same hours as the other observatories in India.

At the Iranian and Arabian stations the hours of observation adopted are 4 and 12 hrs. G. M. T.

The new Indian Standard Time (I. S. T.) corresponds to the longitude of 97° 30' E and is therefore 6 hrs. 30 mins. in advance of the Greenwich Mean Time. From 16th October 1945 the old Indian Standard Time corresponding to the longitude of 82°30' E, i. e., 5 hrs. 30 mins. in advance of the Greenwich Mean Time was adopted.

At all observatories of this department 4 ft. above ground level has been adopted as the standard height for the bottom of the Stevenson screen, so that the bulbs of the dry and wet bulb thermometers are at a height of 4½ to 4¾ ft. above ground. A standard height of 1 ft. above ground has been adopted for the rim of the funnel of the rain-gauge.

As the wind-vane is generally fixed at about the same height as the anemometer, its height is not separately given.

Alphabetical List of Stations.

Station.	Class.	φ N	λ E	H _b	h _a	ft.	Station.	Class.	φ N	λ E	H _b	ft.
Abu	II	24 36	72 43	3,945	63		Bhuj	II	23 15	69 48	343	30
Agra	II	27 10	78 02	553	39		Bidar †	II	17 55	77 32	2,178	36
Ahmedabad	II	23 02	72 35	163	40		Bijapur	II	16 49	75 43	1,950	32
Ahmednagar	II	19 05	74 55	2,154	40		Bikaner	II	28 00	73 18	734	37
Mijal	II	23 44	92 43	3,599	26		Bogra	II	24 51	89 23	63	30
Ajmer	II	26 27	74 37	1,593	45		Bombay	I	18 54	72 49	37	58
Akola	II	20 42	77 02	925	43		Brahmanbaria	II	23 59	91 07	32	26
Alibag	III	18 38	72 52	23	74		Brijnagar	II	24 32	76 10	1,063	29
Alligarh	II	27 58	78 04	615	46		Burdwan	II	23 14	87 51	106	58
Allipore (Calcutta)	I	22 32	88 20	21	56		Bushire	II	28 59	60 49	14	49
Allababad (Bamrauli)	II	25 26	81 44	322	19		Calcutta (Allipore)	I	22 32	88 20	21	56
Alleppey	II	09 38	76 26	12	39		Calicut	II	11 15	75 47	27	41
Ambala	II	20 23	76 46	892	41		Calingapatam	II	18 20	84 08	19	38
Amini Divi	III	11 07	72 44	13	27		Cawnpore	II	26 26	80 22	413	44
Amravati	II	20 56	77 47	1,213	26		Chaiwas	II	22 33	85 49	742	21
Anantapur	V	14 41	77 37	—	—		Chakdara	II	34 44	72 08	2,225	8
Angul	II	20 50	85 06	455	25		Ghamaa	II	30 56	66 28	4,321	2
Arrab	V	25 34	84 40	—	—		Champa	II	20 02	82 40	805	5
Asansol	II	23 41	86 59	414	33		Chanda	II	19 58	79 18	634	1
Anrangabad	II	19 58	75 20	1,906	36		Chandbali	II	20 47	86 44	20	3
Badin	II	24 38	68 54	31	22		Chapra	V	25 47	84 44	—	—
Bahawalpur	II	29 24	71 47	384	45		Charbar	II	25 17	60 37	25	4
Bahrain	II	27 34	81 36	407	37		Cherat	II	33 50	71 54	4,272	8
Balasore	II	26 14	50 35	28	33		Cherrapunji	II	25 15	91 44	4,309	1
Balebonur	II	21 30	86 56	65	25		Chitaldrug	II	14 14	76 27	2,405	2
Bandar Abbas	II	13 22	75 27	2,917	—		Chittagong	II	22 21	91 50	87	1
Bangalore	II	27 11	56 17	29	32		Clifton (Karachi)*	I	24 48	67 02	75	1
Bankura	V	12 58	77 35	3,021	55		Cocanada	II	16 57	82 14	26	1
Bannu	II	33 00	70 36	1,263	45		Cochin	II	09 58	76 14	10	1
Bareilly	II	28 22	72 24	566	41		Coimbatore	II	11 00	76 58	1,341	1
Barisal	II	23 42	90 22	11	35		Colombo	I	06 55	79 53	24	1
Barmer	II	26 45	71 23	638	21		Comilla	II	23 28	91 11	29	1
Baroda	I	23 18	73 15	115	42		Cooch Behar	V	26 20	89 27	—	—
Belgaum	II	16 51	74 31	2,562	42		Coonoor	III	11 21	76 48	5,738	1
Bellary	II	16 09	76 51	1,473	31		Cox's Bazar	II	21 27	91 59	38	1
Benares	II	25 18	83 01	260	81		Cuddalore	II	11 46	79 46	39	1
Bachampore	II	24 08	88 16	62	25		Cuddapah	II	14 29	78 50	428	1
Bhavnagar	II	21 48	72 13	55	27		Cuttack	II	20 29	86 52	87	1
Bhopal	II	23 16	77 26	1,648	36		Dahanu	II	19 58	72 43	15	1
							Dalbandin	II	28 54	64 26	2,785	1

* Started on 29-1-43.

† Converted to Class II on 14-2-44.

Station.	Class.	ϕ	λ	H _b	h _a	Station.	Class	ϕ	λ	H _b	h _a
		N	E	ft.	ft.			N	E	ft.	ft.
Dalhousie	V	33 32	75 58	—	—	Hazaribagh	II	23 59	85 22	2,006	63
Daltonganj	II	24 03	84 04	725	28	Hindubagh	II	30 45	67 52	5,950	24
Darbhanga	II	26 10	85 54	161	28	Hissar	II	29 10	75 44	725	42
Darjeeling	II	27 03	88 16	7,432	18	Honavar	II	14 17	74 27	85	31
Deesa	II	24 14	72 12	466	62	Hoshangabad	II	22 46	77 44	992	35
Dehra Dun	II	30 19	78 02	2,239	36	Hyderabad (Begumpet)	I	17 26	78 27	1,778	49
Dehri	II	24 55	84 12	352	26	Hyderabad (Sind)	II	25 13	68 25	96	25
Dera Ismail Khan	II	31 51	70 56	570	30	Indore	II	22 43	75 54	1,823	29
Devgad	II	16 23	73 21	117	25	Ispahan	II	32 40	51 44	5,817	42
Dhanbad	III	23 47	86 26	839	48	Jacobabad (Old)*	III	28 17	68 29	186	43
Dhubri	II	26 01	89 59	115	32	Jacobabad (New)†	II	28 17	68 29	183	27
Dharampore	V	30 54	77 01	—	—	Jagdalpur	II	19 05	82 02	1,815	27
Dibrugarh	II	27 28	94 55	348	25	Jaipur	I	26 55	75 50	1,431	61
Dinajpur	II	25 38	88 38	123	37	Jalalabad	II	34 26	70 27	1,950	23
Dohad	II	22 50	74 16	1,093	38	Jalgaon	II	21 03	75 34	660	—
Dras	II	34 28	75 46	10,059	14	Jalpaiguri	II	26 32	88 43	271	32
Drosha	II	35 34	71 47	4,709	7	Jammu	IV	32 44	74 55	1,200	—
Dum Dum	II	22 39	88 27	33	50	Jamnagar	III	22 29	70 04	60	40
Dwarka	II	22 22	69 05	37	19	Jamshedpur	II	22 49	86 11	423	48
Faridpur	II	23 37	89 51	27	43	Jask	II	25 45	57 45	13	40
Fatehpur	II	25 56	80 50	375	33	Jessore	II	23 10	89 13	26	39
Fort Abbas	II	29 11	72 50	475	21	Jhansi	II	25 27	78 35	824	37
Fort Sandeman	II	31 21	69 27	4,614	25	Jiwani	II	25 10	61 47	185	7
Gadag	II	15 25	75 38	2,131	32	Jodhpur	I	26 18	73 01	736	20
Gauhati	II	26 11	91 45	182	28	Jubbulpore	II	23 10	79 57	1,289	35
Gaya	II	24 45	84 57	365	21	Kabul	II	34 30	69 13	5,955	22
Gilgit	II	35 55	74 23	4,890	25	Kalat	II	29 02	66 35	6,616	11
Gonda	II	27 08	81 58	360	33	Kalimpong	II	27 04	88 28	3,965	22
Gopalpur	II	19 16	84 53	56	29	Kandahar	II	31 36	65 40	3,462	25
Gorakhpur	II	26 45	83 22	254	31	Kanker	II	20 16	81 29	1,318	39
Gulberga	II	17 21	76 51	1,503	36	Karachi (Clifton)	I	24 48	67 02	75	35
Gulmarg	III	34 03	74 24	8,709	60	Kargil	VI	34 34	76 08	8,790	—
Guna	II	24 39	77 19	1,571	23	Kashgar	III	39 24	76 07	4,296	20
Gurez	V	34 40	74 50	—	—	Katmandu	II	27 42	85 12	4,388	24
Gwalior	II	26 13	78 00	681	6	Khammameth	II	17 15	80 09	367	29
Gyantse	III	28 56	89 36	13,110	27	Khandala	V	18 46	73 22	—	—
Hambantota	II	06 07	81 08	61	11	Khandwa	II	21 50	76 22	1,044	21
Hanamkonda	II	18 01	79 34	881	38	Khampur	II	28 39	70 41	297	33
Harnai (Baluchistan)	V	30 06	67 56	—	—	Khuksra	II	22 49	89 34	16	42
Harnai (Konkan)	II	17 48	73 06	66	5	Khuhab	II	32 18	72 22	616	26
Hassan	II	13 00	76 09	3,149	34						

\$ Started as class II in December 1944.

* Closed on 1-8-45.

† Started on 1-8-43.

‡ Records observations at 8 hrs L.M.T.

Station.	Class.	ϕ	λ	H_b	h_a	Station.	Class.	ϕ	λ	H_b	h_a
Kodaikanal . . .	I	10 14	77 28	7,688	42	Multan	II	30 12	71 31	413°	50
Kotah	II	25 11	75 51	843	31	Murree	II	33 55	73 23	7,113	88
Krishnagar	II	23 24	88 31	48	Muscat	II	23 45	58 35	15	39	
Kurnool	II	15 50	78 04	923	49	Mussooree	II	30 27	78 05	6,940	29
Kuwait	II	29 21	48 00	16	Muzaffarpur	V	26 07	85 24	—	—	
Kyelang	V	32 35	77 04	—	Mymensingh	II	24 46	90 24	62	25	
Lachung	V	27 42	88 46	—	Mysore	II	12 18	76 42	2,518	73	
Lahore	I	31 35	74 20	702	26	Nagpur	II	21 09	79 07	1,022	47
Las Bela	II	26 14	66 19	292	23	Nandi Hills	IV	13 22	77 41	4,861	—
Leh	II	34 09	77 34	11,529	25	Narayanganj	II	23 37	90 30	26	27
Leiah	II	30 58	70 56	490	31	Nasik	IV	20 00	73 47	1,961	—
Lhase	III	29 40	91 07	12,090	31	Naya Dumka	II	24 16	87 15	489	26
Loralai	II	30 24	68 36	4,699	23	Neemuch	II	24 28	74 54	1,626	42
Lucknow	II	26 52	80 56	371	31	Negapatam	II	10 46	79 51	31	39
Ludhiana	II	30 56	75 52	812	24	Nellore	II	14 27	79 59	66	46
Lumding	IV	25 45	93 11	440	—	New Delhi	I	28 35	77 12	714	53
Lyallpur	II	31 26	73 06	605	44	Nizamabad	II	18 40	78 06	1,250	46
Madhosagar	II	26 13	78 00	757	23	Noakhali	II	22 49	91 07	22	45
Madras	I	13 04	80 15	67	24	Nokkundi	II	28 49	62 45	2,229	13
Madura	II	09 55	78 07	437	36	Nowgong	II	25 04	79 27	750	28
Mahabaleshwar . . .	II	17 56	73 40	4,534	28	Nushki	II	29 40	66 00	3,412	21
Mainpuri	II	27 14	79 03	516	28	Nuwara Eliya	II	06 58	80 46	6,170	—
Maldia	II	25 02	88 08	103	51	Ongole	II	15 30	80 03	—	—
Malegaon	II	20 33	74 32	1,432	25	Ootacamund	II	11 24	76 44	7,364	27
Mangalore	II	12 52	74 51	72	54	Ormara	II	25 15	64 89	15	7
Manora (Karachi) . . .	II	24 48	67 59	18	Parbna	IV	24 01	89 16	40	—	
Marmagao	II	15 25	73 47	202	25	Pachmarhi	II	22 28	78 26	3,528	37
Marine Air Port (Karachi) . . .	II	24 50	66 58	17	Pad Idan	II	26 51	68 08	155	23	
Masulipatam	II	16 11	81 08	10	Palamcottah	V	08 44	77 45	—	—	
Mawsynram	V	25 18	91 35	—	Palghat	II	10 46	76 39	319	10	
Meerut	V	29 01	77 43	—	Pamban	II	09 16	79 18	37	26	
Mercara	II	12 26	75 44	3,781	18	Panjgur	II	26 58	64 06	3,177	13
Mesched	II	36 17	59 36	3,104	26	Parachinar	II	33 52	70 04	5,673	27
Midnapore	II	22 26	97 19	149	Parbhani	II	19 08	76 50	1,350	—	
Minicoy	II	08 18	73 00	6	Patni	II	25 16	63 28	10	21	
Miraj	II	16 49	74 41	1,817	33	Patna	II	25 37	86 10	173	51
Miranshaw	II	33 57	70 07	3,026	33	Peddapalli	III	18 37	79 23	755	27
Migar	II	36 47	74 46	10,190	21	Pendra	II	22 46	81 54	2,040	20
Montgomery	II	30 39	73 08	558	27	Peshawar	I	34 01	71 35	1,164	30
Motihari	II	26 40	84 55	218	30	Phalodi	II	27 08	72 22	783	41
Mukteswar	II	29 28	79 39	7,592	14	Poona	I	18 32	73 51	1,834	24

Station.	Class.	Φ	λ	H _b	h _a	Station.	Class.	Φ	λ	H _b	h _a
Puri	II	° N 19 48	° E 85 49	20	29	Tehran	II	° N 35 41	° E 51 25	4,002	35
Purnea	II	25 46	87 28	124	25	Tezpur	II	26 37	92 47	258	30
Quetta	II	30 10	67 01	5,490	18	Titilagarh	II	20 18	83 18	691	28
Raichur	II	16 12	77 21	1,311	65	Trichinopoly	II	10 49	78 42	255	38
Raipur	II	21 14	81 39	970	28	Trincomalee	II	08 35	81 15	24	15
Rajkot	II	22 18	70 50	432	30	Trivandrum	I	08 29	76 57	211	41
Rajsamand	II	25 03	73 53	1,850	22	Turbat	II	26 01	63 04	510	24
Rejshahi	V	24 22	88 36	—	—	Udaipur	V	24 35	73 42	—	—
Ranchi]	II	23 23	85 20	2,150	44	Umaria	II	23 32	80 53	1,506	34
Rangpur	V	25 45	89 15	—	—	Umarkot	II	25 22	69 44	55	23
Ratnagiri	II	16 59	73 18	211	31	Vellore	II	12 55	79 09	703	21
Rawalpindi	II	33 36	73 07	1,674	33	Veraval	II	20 55	70 22	26	34
Rentachintala	II	16 33	79 33	348	27	Vizagapatam	II	17 42	83 18	126	43
Reti	II	28 02	69 54	280	27	Wana	II	32 18	69 44	4,456	23
Roorkee	II	29 51	77 53	899	37	Yatung (Chumbi)	IV	27 20	88 55	9,800	—
Sabour	II	25 14	87 04	122	24	Zahidan	IV	29 30	60 53	4,718	23
Salem	II	11 39	78 10	913	53						
Sambalpur	II	21 28	83 58	486	29						
Sandheads	II	20 51	88 15	28	—						
Satkhira	II	22 43	89 05	16	25						
Saugor	II	23 51	78 45	1,808	6						
Saugor Island	II	21 39	88 03	10	52						
Seistan	II	31 02	61 30	—	25						
Seoni	II	22 05	79 33	2,027	31						
Seychelles	II	04 37	55 27	15	37						
Sharjah	II	25 20	55 24	18	33						
Shillong	II	25 34	91 53	4,921	28						
Sholapur	II	17 40	75 54	1,570	29						
Sialkot	II	32 30	74 32	830	28						
Sibi	II	29 33	67 53	441	23						
Sibsagar	II	26 59	94 38	317	33						
Silchar	II	24 49	92 48	96	23						
Simla	II	31 06	77 10	7,224	86						
Sirajganj	V	24 27	89 45	—	—						
Skardu]	II	35 18	75 37	7,505	17						
Sonamarg	V	34 19	75 19	—	—						
Sri Ganganagar	II	29 55	73 52	580	25						
Srimangal	II	24 19	91 44	69	40						
Srinagar	I	34 05	74 50	5,205	60						
Sukkar	II	27 42	68 54	221	29						
Surat	II	21 12	72 50	39	63						
Sutna	II	24 34	80 50	1,041	34						

Territorial Divisions.—The system of territorial divisions according to which the observatories are grouped is given below. This is practically the same as it was in 1912, the only changes being the formation of Orissa into a separate province in 1936 and the deletion of Burma after its separation from India in 1937. The number of observatories in each of the sub-divisions is given in brackets against the sub-division.

Chief political divisions.	Sub-divisions.
Assam	Assam (12).
Bengal	Bengal (33).
Orissa	Orissa (7).
Bihar	Chota-Nagpur (6). Bihar (11).
United Provinces	United Provinces, East (8). United Provinces, West (10).
Punjab	Punjab, East and North (12). Punjab, Southwest (8).
Kashmir	Kashmir (11).
North-West Frontier Province	North-West Frontier Province (9). Baluchistan (17).
Sind	Sind (9). Rajputana, West (5). Rajputana, East (7).
Rajputana	
Bombay	Gujarat (11). Konkan (8). Bombay, Deccan (11).
Central India	Central India, West (6). Central India, East (3).
Central Provinces and Berar	Berar (2). Central Provinces, West (7). Central Provinces, East (7).
Hyderabad	Hyderabad, North (5). Hyderabad, South (5).
Mysore	Mysore (5). Malabar (7).
Madras	Madras, Southeast (13). Madras, Deccan (5). Madras Coast, North (6).

Barometric pressure.—Till 1932 mercurial barometers of the Fortin type with tubes of 0·4" bore throughout were being used at most of the observing stations in India; but since that year Kew pattern barometers, made according to departmental specifications, have gradually been introduced at all plain stations and all these stations are now equipped with such instruments.

Aneroid barometers were in use at Ispahan, Tehran, Kashgar, Meshed, Gilgit, Jalalabad, Kandahar, Skardu and Lhasa.

The standard for the measurement of atmospheric pressure in India is the "Calcutta Standard". On the results of all comparisons made till 1935, the correction at present accepted of the "Calcutta Standard" with respect to Kew is—0.009".

Standard barometers are now being maintained at Poona, Bombay, Karachi, Lahore, Delhi, Nagpur, Calcutta and Madras for the purpose of standardising barometers before they are issued to land stations. Marine barometers for issue to ships are standardised at Bombay, Karachi, Calcutta and Madras. These working standards are all corrected with respect to the "Calcutta Standard". The correction of all the barometers issued by this department is therefore ultimately based on the "Calcutta Standard".

The main work of the determination of the corrections of the barometers issued to outstations is done at Poona.

The barometers at all observatories are situated in masonry buildings to protect them as much as possible from rapid changes of temperature.

The heights above mean sea level of the barometers are given in all tables of pressure as well as in the alphabetical list of stations. Heights of most stations have been obtained accurately by actual measurement from datum levels determined by the Great Trigonometrical Survey of India; the heights of only a few stations, mostly in Kashmir, have been determined barometrically.

Temperature.—Till 1923, thermometers were exposed in large open sided sheds to protect them from extraneous radiation (*vide* Annual Report on the Meteorology of India, 1887, p. 37). As a result of experiments carried out at Agra on various types of exposures and described in the Ind. Met. Mem., Vol. XXIV, Part III (1922), these have gradually been replaced by Stevenson Screens, which are less costly and cheaper to maintain.

The screen adopted for use in India has free inside measurements of 22" length, 12" depth and 18" height, and is somewhat larger than the pattern approved in 1884 by the Thermometer Screen Committee of the English Meteorological Society and larger too than the "small model" in common use in Germany. It is made of teak wood painted white and has four double louvred sides and a perforated top and bottom. A sloping extra cover of wood protects the top from sun and rain. The door on the north side has 14 louvres and the remaining sides have 16 louvres each.

Thermometers in use which were issued up to the end of 1931 were verified by comparison with Kew standard thermometers at Calcutta. Instruments issued from 1932 were compared at Poona with standards provided with certificates of correction from the National Physical Laboratory, Teddington, England. All the thermometers at the observing stations are re-standardised from time to time; the temperatures given in the tables are corrected values.

Although observations are recorded twice a day, at 9 hrs. I. S. T. (new) and 18 hrs. I. S. T., (new) at almost all the Indian observatories, the maximum and minimum thermometers are set only once in a day, at the time of the morning observation, and the maximum and minimum temperatures therefore refer to the 24 hours period ending at 9 hrs. I. S. T. (new). The monthly means of these temperatures refer to the month ending at 9 hrs. on the last day of the month.

At the Iranian and Arabian stations which record observations at 4 hrs. and 12 hrs. G. M. T. maximum and minimum thermometers were set at both the hours of observation up to 31st December 1936; maximum temperature entered against any date was that for the 24 hours ending at the afternoon observation hour of that date and the minimum temperature for the 24 hours ending at the morning observation hour. From 1st January 1937, however, these observatories were brought into line with Indian Stations and the maximum and minimum thermometers are also set only once in a day, at the time of the morning observation. The maximum and minimum temperatures, therefore, refer to the 24 hours period ending

at 4 hrs. G. M. T. The monthly means of these temperatures refer to month ending at 4 hrs. G. M. T. on the last day of the month.

Terrestrial radiation.—New terrestrial radiation thermometers brought into use at most of the departmental first-class observatories in 1932 and the method of exposure was also altered. Formerly these thermometers were laid on a thick pad of woollen blanket; but since 1932 are placed on two wooden forks on a close cropped grass plot so that the bulb of the thermometer is about $1\frac{1}{2}$ " above ground. The radiation maximum temperatures recorded by these thermometers at 12 stations in Table VII, in which the depression of these temperatures below the maximum temperature in shade at 4 feet above ground is also given.

Hours of bright sunshine.—Sunshine recorders of the standard Campbell-Stokes pattern were in use at 16 stations.

Surface Winds.—Previous to 1930, Robinson four-cup anemometers of the dial pattern were in use at Indian Observatories. Since 1930, however, the department has been gradually introducing counter type anemometers manufactured at the departmental workshop at Poona and are now in use at almost all the observatories.

All anemometers issued up to the end of 1931 were compared issue with the standard Beckley anemograph at the Alipore Observatory. Up to 1911 the factor representing the ratio of air movement to true wind speed as measured by the Beckley cups had been taken in India as in other countries, as 3·9. From that year the generally accepted factor of 2·2 has been used (see page 8, Monthly Weather Review, January 1912). Since January 1932 anemometers are issued from Poona after comparison with the standard cup anemometer there. This standard is provided with a certificate of corrections from wind channel tests made at the National Physical Laboratory, Teddington, England, and has also been compared with the Beckley anemograph at Alipore. However, as only instruments with small corrections are issued and as it is impracticable entirely to prevent slight alteration of exposure resulting from growth of trees or erection of buildings, it has been considered unnecessary to apply any correction to the observed value.

The wind data published consist of the mean hourly air movement registered by counter type anemometers during the 24 hours ending time of morning observations and the frequency of the wind direction 8 compass points at both the hours of observation. The resultant direction wherever given is calculated by the use of Lambert's formula in which weight is given to each wind observation irrespective of velocity.

The hourly velocities at 12 stations equipped with Beckley's or P. T. anemographs are given in Table VIII. Owing to a change method of tabulation of the anemograms from 1st January 1939 the value given against any hour is the average for the ten minutes immediately preceding that hour.

Humidity and Cloud.—The hygrometric data are calculated by
of the departmental "Tables for the reduction of meteorological ob-
servations in India". The proportion of cloud is estimated in tenths of
the sky expanse, an overcast sky being denoted by 10 and a cloudless sky by

Rainfall.—Symons' raingauges with funnels of 5" diameter are used at all raingauge stations, with the exception of those in Mysore Travancore where raingauges of local make having funnels of 4·7" dia. are in general use. At all the departmental raingauge stations new measuring glasses made according to specification drawn up by this department and tested at Poona have been introduced. The time of measurement of rainfall at all the departmental raingauge stations is 8 hrs. I. S. T. (I. S. T. new up to 15th October 1945), and at the Provincial rain gauge stations 8 hrs. L. M. T. and the amounts then registered give the total during the previous 24 hrs.

The rainfall data for each province are generally tabulated in the hands of the provincial officers controlling registration of rainfall in the provinces and published in the provincial gazettes. The data of Baluchistan, Sind, Punjab, Central India, Eastern States and States in the Bombay Agency, however, published by the Meteorological Office, Poona. These provincial tables are collected together and are issued annually in a separate volume entitled, "Rainfall of India". The fifty-fifth volume, that of 1944, contains the whole rainfall data of about 3,000 stations which are utilised in preparing Tables X to XV in part A. In these provincial tables and rainfall observations at the meteorological observatories published in this volume a "rainy day" is taken to be one on which 0.19" or more of rain has been recorded.

Autographic Instruments.—In addition to the eye reading instruments, autographic instruments are maintained at all Class I stations, and a few other observatories. The following is a complete list of such stations with the autographic instruments maintained at each station. The symbols adopted to denote different instruments are shown below.

W=Anemograph
B=Barograph
U=Hygrograph

T=Thermograph
R=Self-recording Raingauge
◎=Sunshine Recorder.

Station.	Autographic Instruments.						
Pamban					B		
Peshawar	W	B			U	T	R
Poona	W	B			U	T	R
Puri					B		
Sandheads (S.P.V. Andrew and Lady Fraser)	W	B				T	R
Saugor Island							
Seychelles					B		
Sharjah					B		
Srinagar					B		
Tezpur	W	B			T	T	R*
*Trivandrum	W	B			T	T	◎
Veraval	W	B					
Vizagapatam	W	B					

*Instruments belong to the State.

Dum Dum was under the control of R.A.F. from 1943 and the following S. R. Instruments were at the station:—

- (1) Thermograph.
- (2) S. R. Raingauge.
- (3) Anemograph.

Tables.—Tables I to V in the Annual Summary, Part A, corresponding to Tables I to V in the Monthly Weather Report, contain the annual means of stations whose monthly data have appeared in the Monthly Weather Reports.

Table II-A is similar to Table II and contains the monthly and annual means of those stations which could not be included in the Monthly Weather Report.

Table VI gives the monthly and annual means of observations recorded at 12-30 hrs. I. S. T. at 16 first class stations. This also contains the daily means of pressure, temperature, humidity and vapour tension which have appeared in Table D-1 up to 1932. The daily means of pressure, humidity and vapour tension data given in this table have been obtained from the means of 8 hrs., 12-30 hrs. and 17 hrs. I. S. T., and those of temperatures from the means of maximum and minimum temperatures by the application of appropriate corrections, derived from the available hourly observations, to reduce them to true mean of the day. The daily means of Kodaikanal are those obtained from the hourly records of self-recording instruments corrected by eye readings. The daily means and 12-30 hrs. I. S. T. data of Bombay, with the exception of cloud, are taken from autographic charts.

Table VII gives the abstracts of the data of the number of hours of bright sunshine and of nocturnal radiation minimum temperature at 12 stations.

Table VIII gives the mean hourly wind velocity at 12 stations equipped with anemographs. The heights of anemometer cups or their heads above ground are given in brackets against each station.

Table IX gives the number of days on which the Nilgiris were visible from Kodaikanal.

Tables X to XIV give the divisional and sub-divisional means of rainfall, derived from the records at over 3,000 rainfall-recording stations and Table XV gives heavy falls of 10" and above in 24 hours at these stations.

Normals.—The normals used for comparison in Tables I to V and X to XV are generally based on data up to 1940.

In Table VI normal values derived from all available data up to 1899 as published in the Indian Meteorological Memoirs, Vol. XVII, have been used. The normals of Bombay are those published in the Climatology of Bombay and are based on hourly data up to 1920. Those of Kodaikanal are based on 11 years hourly data from 1901 to 1911.

In Table VII the normals of radiation minimum temperature and of its depression below the shade minimum temperature are based on all available data up to the year 1930.

The data of stations under the administrative control of the Regional Meteorological Centres at Calcutta, Karachi, New Delhi, Lahore, Nagpur, Bombay and Madras are scrutinised and supplied by the respective centres.

*Instruments belong to the State.

†Anemograph and sunshine recorder belong to the State.

‡Instruments except the anemograph belong to the State.

INDIA WEATHER REVIEW, 1945.

ERRATA.

Table of corrections to be applied to data in the Tables II, III, IV and V of the Monthly Weather Reports for 1945.
(N. B.—Subsequent tables for individual months should also be referred to.)

Station.	Column.	Correction.	Period.
1	2	3	4
ea	3 to 5	+0·1	Jan. to June.
or	34	Reject.	Jan. to Aug. and Nov.
mpong	3 to 5	+0·3	April to July and Sept. and Oct.
nandu	16 to 23	Reject.	Jan. to Dec.

Errata to Monthly Weather Reports, 1945.

Reference. 1	Column. 2	Replace the existing figures, if any, by 3	Reference. 1	Column. 2	Replace the existing figures, if any, by 3	
	JANUARY.			JANUARY—contd.		
Pages 4-5.			Pages 14-15.			
ugarh . . .	51, 52.	1, 26.	Bushire . . .	33, 34.	8·9, +1·4.	
mbaria . . .	11.	+1·6.				
ore . . .	22, 25.	+11, —1·2.		FEBRUARY.		
dbali . . .	28.	+1·01". k	Pages 20-21.			
il . . .	33.	4·1.	Brahmanbaria . . .	11.	—0·5.	
hedpur . . .	50, 52.	7, 5.	Asansol . . .	10.	54·7.	
hi . . .	24, 25.	23, —0·3.	Sambalpur . . .	12, 13.	47, 4.	
Insert a footnote on page 5 (k) mean of 20 days.						
Pages 6-7.			Pages 22-23.			
ta . . .	19, 22	—0·8, —15.	Quetta . . .	19, 20.	—1·2, 2·7.	
andin . . .	19.	—0·9.	Dalbandin . . .	19.	—3·1.	
kundi . . .	19, 28, 32.	+0·5, —0·75, —1·0.				
Bela . . .	28.	+0·59.	Pages 24-25.			
			Hyderabad . . .	33.	g 2·6.	
Pages 10-11.			Karachi (Manora) . . .	19.	► +1·6.	
agiri . . .	2.	211.	Insert a footnote on page 25 (g) mean of 24 days.			
hur . . .	49.	2.	Pages 28-29.			
Pages 12-13.			Colombo . . .	3, 4, 5	1009·3, —2·4, 1006·2.	
nbo . . .	3, 4, 5.	1011·5, —0·3, 1007·8.	Trincomalee . . .	3, 4, 5.	1009·6, —2·5, 1007·0.	
omalee . . .	3, 4, 5.	1011·8, —0·7, 1008·9.	Hambantota . . .	3, 4, 5.	1007·1, —2·9, 1004·6.	
bantota . . .	3, 4, 5.	1008·9, —1·1, 1006·8.	Nuwara Eliya . . .	3, 4, 5.	813·4, —2·2, 812·0.	
ara Eliya . . .	3, 4, 5.	814·4, —0·7, 812·6.	Pages 30-31.			
			Meched . . .	19.	± 0·7	

Errata to Monthly Weather Reports, 1945-- contd.

Reference. 1	Column. 2	Replace the existing figures, if any, by 3	Reference. 1	Column. 2	Replace the existing figures, if any, by 3	
MARCH.						
<i>Pages 36-37.</i>						
Tezpur . . .	28.	-0.95.	Kalimpong . . .	8, 9.	78, 29.	
Brahmanbaria . . .	11.	+3.3.	Mercara . . .	9.	17, 24, 30.	
Burdwan . . .	11.	+1.0.	Ootacamund . . .	6, 7, 8, 9, 10, 11.	73.7, +3.7, 78, 21, 47.5, -0.4.	
Bogra . . .	24, 25.	3.1, +0.6.	Coonoor . . .	6, 7, 24, 25, 33, 34.	74.5, +1.6, 0.5, -2.2, 51, +1.6.	
Cuttack . . .	24, 25.	1.8, -1.3.	Colombo . . .	3, 4, 5.	101.2, +0.5, 1008.2, (a)	
Hazaribagh . . .	26.	1.9.	Trincomalee . . .	3, 4, 5.	1011.6, +1.4, 1008.5.	
<i>Pages 38-39.</i>			Hambantota . . .	3, 4, 5.	1009.2, -0.1, 1006.0.	
Cawnpore . . .	6, 7.	91.9, +2.6.	Nuwara Eliya . . .	3, 4, 5.	815.1, +0.2, 813.4.	
Bahraich . . .	6, 7.	88.2, +0.6.	Insert a footnote on page 44 (a) mean of 30 days.			
Agra . . .	5.	990.2.	<i>Pages 46-47.</i>			
Fort Sandeman . . .	4.	+1.1.	Bushire . . .	19.	-0.5.	
Chaman . . .	19.	+0.6.	Bahrain . . .	3, 5, 19.	1015.3, 1014.6, -0.7.	
Kalat . . .	13.	3, 4, 5.	Yatung (Chumbi) . . .	11.	31.2.	
Dalbandin . . .	19.	-2.2.	APRIL.			
Pasni . . .	25.	+0.4.	<i>Pages 52-53.</i>			
<i>Pages 40-41.</i>			Brahmanbaria . . .	11.	+0.3.	
Jacobabad . . .	19.	+1.5.	Sandheads . . .	26.	2.8.	
Hyderabad (Sind) . . .	32.	-0.4.	Burdwan . . .	17, 20, 33, 34, 45, 46.	72.3, 18.2, 5.3, +2.3, 2, 7.	
<i>Pages 48-49.</i>			Jamshedpur . . .	47, 48.	3, 2.	
Dahanu . . .	5.	1009.2.	Hazaribagh . . .	28.	+0.07.	
Hassan . . .	34.	+1.2.	<i>Pages 54-55.</i>			
Cochin . . .	28, 34.	-0.65, +2.3.	Allahabad (Bamrauli) . . .	10, 11, 12.	71.1, -0.3, 61.	
Pamban . . .	6, 7, 10, 11, 12.	87.5, -1.1, 76.5, -0.2, 72.	Fatehpur . . .	14.	78.2.	
Madura . . .	19.	-0.1.	Cawnpore . . .	6, 7, 8.	97.0, -2.4, 109.	
Trichinopoly . . .	6, 7, 10, 11, 16, 18.	96.1, -1.1, 73.5, +0.4, 73.5, 25.4.	<i>Pages 56-57.</i>			
Vellore . . .	10.	+0.5.	Kotah . . .	7.	-0.8.	
Bellary . . .	18, 19.	15.2, -0.8.	Rajkot . . .	7.	-1.7.	
Kurnool . . .	11, 19.	+0.5, -0.9.	Bhavnagar . . .	12, 52.	61, 1.	
<i>Pages 64-65.</i>			<i>Pages 58-59.</i>			
Nellore . . .	6, 7, 10, 11.	94.9, +0.6, 73.3, +0.4.	Marmagao . . .	3, 4, 5.	1003.9, +0.8, 1000.6.	
Gooty . . .	17.	77.6.	Peddapalli . . .	8, 10.	104, 75.8.	
Vizagapatam . . .	6, 7, 10, 11, 17.	85.8, -1.3, 74.9, +0.3, 75.6.	Mysore . . .	38, 34.	Omit the figures in Columns.	
Darjeeling . . .	23, 24, 25	71, 4.0, +0.2.	Palghat . . .	18.	20, 25.	
			Alleppey . . .	16, 16.	77.9, 30.0.	

Errata to Monthly Weather Reports, 1945—contd.

Reference. 1	Column. 2	Replace the existing figures, if any, by 3	Reference. 1	Column. 2	Replace the existing figures, if any, by 3					
APRIL—contd.										
Trivandrum . . .	14, 20.	79·9, 29·8.								
Pamban . . .	35, 36, 39, 42.	0, 6, 11, 0.	Bidar	2.	2, 178.					
Madras . . .	3, 4.	1007·8, —0·2.	Chitaldrug	19.	—0·5.					
Bellary . . .	17, 20.	77·3, 23·0.	Palghat	14.	82·1.					
Kurnool . . .	33, 34.	6·1, +1·4.	Trivandrum	22.	—4.					
Rentichintala . . .	16.	74·3.	Salem	13.	6, 12.					
Pages 60-61.										
Vizagapatam . . .	5.	1002·5.	Madras	5, 9, 33, 34.	1001·0, 19, 21, 11·4, —0·4.					
Calingapatam . . .	9.	7 days.	Pages 76-77.							
Mercara . . .	8, 9.	88, 6.	Darjeeling	16, 18, 19.	55·1, 14·1, —0·1.					
Coonoor . . .	10.	57·0.	Muktesar	24.	1·5.					
Kodaikanal . . .	9.	9, 14.	Mahabaleshwar	22.	+1.					
Colombo . . .	3, 4, 5, 18, 19.	1009·9, +0·3, 1007·0, 28·8, —1·1.	Colombo	3, 4, 5.	1009·3, +0·4, 1006·4.					
Trincomalee . . .	3, 4, 5, 22.	1009·4, +0·9, 1006·1, —4.	Trincomalee	3, 4, 5.	1007·8, +1·2, 1005·0.					
Hambantota . . .	3, 4, 5, 6, 7, 10, 11, 18, 19, 20.	1007·6, —0·3, 1004·7, 86·9 —0·9, 76·7, +0·6, 29·0, 0, 29·4.	Hambantota	3, 4, 5.	1006·6, —0·2, 1003·7.					
Nuwara Eliya . . .	3, 4, 5, 13, 27, 28, 31, 32.	814·7, —0·1, 812·7, 5, 16, 9·08, +3·50, 13, +3·3.	Nuwara Eliya	3, 4, 5.	814·1, +0·2, 812·2.					
Pages 62-63.										
Muscat . . .	25.	—1·1.	Pages 78-79.							
MAY.										
Pages 68-69.										
Brahmanbaria . . .	11.	+0·2.	JUNE.							
Burdwan . . .	3, 4, 12, 13, 14, 15, 17, 18, 19, 20, 24, 25, 26, 33, 34, 45, 46, 48, 51.	1001·0, 0, 69, 15, 83·7, 93·8, 78·3, 31·0, —0·6, 26·0, 4·1, —1·1, 5·5, 8·1 +4·9, 1, 6, 8, 2.	Silchar	28.	Pages 84-85.					
Dehri . . .	9, 28, 32.	27, +0·14, +0·8.	Noakhali	3, 4, 5, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 33, 34, 36, 39, 45, 47, 48.	1000·9, —0·7, 998·1, 83·2, 84·9, 80·9, 82·3, 34·9, +2·1, 36·6, 90, +4, 89, 8·3, +1·8, 7·6, 18·52, —4·04, 3·78, 9·2, +3·7, 0, 10, 1, 18, 10.					
Sabour . . .	3, 4, 5, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 25, 26, 33, 34, 37, 39, 45, 46.	1000·0, +0·1, 995·5, 15, 84·1, 93·9, 77·9, 82·9, 29·9, +4·2, 29·0, 75, +8, 2·2, —2·5, 2·3, 4·2, —2·7, 16, 3, 9, 6.	Comilla	12, 13.	Pages 86-87.					
Pages 70-71.			Brahmanbaria	11.	72, 7, 14.					
Agra	21, 22.	43, +13.	Barisal	14.	+0·2.					
Sibi	16, 18, 19, 21, 22.	68·4, 15·6, +3·0, 37, +6.	Saugor Island	6, 7, 8, 9, 14, 15, 17, 19, 20, 23, 24, 25, 26, 27, 28, 33, 34, 48, 49.	84·8.					
Kalat	5.	798·4.	Burdwan	5, 10, 11, 13, 14, to 26, 33, 34, 44, 45, 46, 48.	89·5, —0·1, 93, 8, 9, 85·7, 86·7, 81·5, —0·8, 34·4, 79, 6·6, —1·5, 6·6, 14·87, +3·24, 14·7, +1·5, 9, 13.					
Pages 72-73.			Ranchi	5.	92·9, 79·7, +0·9, 1, 30, 84·9, 89·9, 80·2, 80·2, 33·1, +0·7, 30·8, 81, —2, 66, 7·1, —0·3, 7·5, 5·2, +2·1, 1, 3, 7·7.					
Jacobabad . . .	16, 18, 19, 21, 22, 23.	69·6, 18·1, —3·1, 47, —2, 18.	Hazaribagh	13.	928·0.					
Hyderabad . . .	33, 34.	8·6, —0·2.	4 days.							
Kanker	10, 11.	76·0, —3·3.								

Errata to Monthly Weather Reports, 1945—contd.

Reference. 1	Column. 2	Replace the existing figures, if any, by 3	Reference. 1	Column. 2	Replace the existing figures, if any, by 3
	JUNE—contd.			JULY—contd.	
Pages 86-87.			Pages 102-103.		
Banaras . . .	25.	-1.5.	Agra	12.	72.
Fatehpur . . .	3, 5, 6, 7, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 24, 25, 26, 33, 34, 39, 40, 41, 42, 44, 45, 50.	985.9, 981.9, 107.0, +4.0, 84.9, +2.0, 77, 29, 90.0, 102.2, 76.0, 78.3, 24.3, -3.5, 22.0, 3.6, -0.0, 4.7, 4.4, -0.1, 0, 2, 6, 8, 1, 3, 3.	Pages 104-105.		
Cawnpore . . .	6, 7, 9.	106.6, +3.9, 13, 15.	Jamnagar . . .	19.	+1.0.
Agra . . .	18, 19.	30.6, +8.0.	Pages 106-107.		
Roorkee . . .	16.	74.1.	Ahmednagar . . .	5.	929.6.
Peshawar . . .	2, 4.	117.5, -0.6.	Sholapur . . .	25.	+1.5.
Pasni . . .	33, 34.	8.7, +1.1.	Miraj . . .	34.	+0.5.
Pages 88-89.			Aurangabad . . .	24.	8.9.
Pad Idan . . .	33	9.7.	Bidar . . .	2.	217.8.
Rajsamand . . .	15.	92.0	Peddapalli . . .	27.	9.84.
Pages 90-91.			Hanamkonda . . .	44.	1.
Sholapur . . .	24, 25, 26.	7.7, +1.5, 8.4.	Hassan . . .	3.	903.0.
Parbhani . . .	24.	6.5.	Bangalore . . .	3, 4.	906.7, -0.3.
Bangalore . . .	24, 25.	8.4, +0.5.	Mysore . . .	14.	70.6.
Cochin . . .	19.	+1.1.	Palghat . . .	13.	9, 10, 24.
Madura . . .	13.	5, 13.	Madura . . .	3, 4, 5.	992.2, -0.2, 988.8.
Trichinopoly . .	20.	21.1.	Coimbatore . . .	14.	74.9.
Bellary . . .	27, 28.	1.14, -0.56.	Cuddapah . . .	5.	986.6.
Rentichintala . .	9.	5.	Pages 108-109.		
Pages 92-93.			Nellore . . .	33, 34, 35, 40, 42, 43.	5.8, 0, 3, 6, 4, 7.
Galingapatam . .	15, 20, 23.	91.0, 32.8, 67. (e) 17.	Masulipatam . . .	5, 6, 7, 27, 28.	1000.2, 90.5, -1.9, 8.
Darjeeling . . .	31.	3.	Cocanada . . .	6, 7.	85.1, -5.2.
Katmandu . . .	9.	14, 16, 17, 10.1.	Kalimpong . . .	9.	6 days.
Muktessar . . .	9, 33.	53.6, 10, -4.1.	Abu . . .	2.	3940.
Ootacamund . . .	16, 31, 32.	1.14, 1.16, 1.17, 1.18.	Coonoor . . .	6, 7.	70.7, -0.1.
Pages 94-95.			Hambantota . . .	6, 7, 10, 11.	85.3, -2.3, 76.3, 0.
Bahrain . . .	3, 5.	999.3, 998.2.	Pages 110-111.		
	JULY.		Lumding . . .	22.	+2.5.
Pages 100-101.			Lachung . . .	4, 8.	-0.31, -2.3.
Tespur . . .	27, 28.	17.13, +3.44.	AUGUST.		
Silcher . . .	9.	2, 9. (m)	Brahmanbaria . . .	11.	+1.9.
Brahmanbaria . .	11, 33.	+2.2, 2.9.	Narayanganj . . .	25.	+0.6.
Insert a footnote on page 101 (m) mean of 18 days.			Barisal . . .	32.	+0.7.
			Jalpaiguri . . .	51, 52.	0, 1.
			Jamahedpur . . .	13.	18, 19, 22.
			Daltonganj . . .	4.	-0.2.

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	AUGUST—contd.			SEPTEMBER—contd.	
Pages 118-119.			Pages 140-141.		
Dehra Dun	7.	+0.9.	Masulipatam	3, 4.	1006.0, —0.8.
Multan	6, 7.	98.8, —0.1.	Mussooree	6.	69.8.
Pages 120-121.			Abu	2.	3940.
Jodhpur	4.	+0.5.	Ootacamund	15, 17.	59.6, 56.0.
Kotah	7.	—0.8.	Pages 142-143.		
Rajkot	28.	+0.85.	Yatung (Chumbi)	9.	18, 28.
Saugor	34.	Omit the figure in Column.	Sirajganj	4.	—6.48.
Pages 122-123.				OCTOBER.	
Devgad	36.	1.	Pages 148-149.		
Pages 124-125.			Dibrugarh	35 to 43, 44 to 52.	8, 5, 8, 2, 2, 0, 0, 2, 4, 0, 1, 2, 0, 0, 0, 0, 0, 28.
Abu	2.	3940.	Brahmanbaria	11.	+0.6.
Pages 126-127.			Saugor Island	3, 5.	1011.2, +0.5.
Sharjah	26.	0.1.	Jalpaiguri	13.	31.
Muzaffarpur	6.	30.	Gopalpur	46, 51.	7, 0.
Lachung	4, 8.	—0.90, —6.9.	Hazaribagh	25.	+1.2.
	SEPTEMBER.		Pages 150-151.		
Pages 132-133.			Agra	16 to 23.	66.0, 71.6, 20.1, +5.1, 19.0, 80, +26, 55.
Brahmanbaria	11.	+2.7.	New Delhi	9.	2, 10.
Jessore	5.	1001.1.	Ludhiana	4.	+1.6.
Sandheads	3, 4, 5.	1003.8, —1.0, 1000.7.	Pages 152-153.		
Krishnagar	13.	26, 29.	Veraval	22.	+13.
Dehri	15.	84.2.	Pages 154-155.		
Pages 136-137.			Jalgaon	28.	—1.34.
Bikaner	27.	7.34.	Pamban	27 to 32.	6.89, —1.64, 1.42, 31, 11, +1.6.
Rajkot	15.	87.8.	Bellary	4.	+0.1.
Dohad	22.	+1.	Pages 156-157.		
Pages 138-139.			Cocanada	33, 34.	4.6, —0.3.
Bombay	32.	+2.3.	Abu	2.	3940.
Miraj	24.	7.0.	Pages 158-159.		
Pamban	5.	1004.7.	Jask	7.	—0.8.
Trichinopoly	3, 4, 24, 25.	999.2, +0.2, 7.1, +1.8.	Arrah	4.	+4.19.
Coimbatore	3, 4.	964.2, +0.2.			
Vellore	5.	980.0.			
Kurnool	10, 11.	73.4, —0.6.			

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NOVEMBER.					
<i>Pages 164-165.</i>					
Dhubri . . .	6, 7.	79·3, —0·1.	Berhampore . . .	33, 34.	(b) 1·0, +0·1.
Silchar . . .	15.	79·8.	Bogra . . .	12.	44.
Srimangal . . .	35 to 42.	2, 1, 1, 1, 0, 2, 5, 3.	<i>Pages 182-183.</i>		
Comilla . . .	9.	2, 6, 14.	Gonda . . .	26.	1·2.
Brahmanbaria . . .	11.	+1·2.	Mainpuri . . .	5.	996·9.
<i>Pages 166-167.</i>					
Jhansi . . .	11.	—3·9.	<i>Pages 186-187.</i>		
<i>Pages 168-169.</i>					
Sriganganagar . . .	10, 11.	50·4, +2·6.	Pamban . . .	9.	4 days.
Bikaner . . .	5.	986·4.	Madura . . .	10, 11.	69·7, —0·5
Jodhpur . . .	4.	+1·5.	Vellore . . .	3, 10, 11.	989·7, 62·9, —1·9.
Brijnagar . . .	16.	51·1.	Cuddapah . . .	3, 4.	1000·3, —0·3.
Veraval . . .	3.	1013·1.	<i>Pages 188-189.</i>		
Bhavnagar . . .	3.	1013·4.	Masulipatam . . .	32.	+0·1.
<i>Pages 170-171.</i>			Ootacamund . . .	32.	—3·7
Mangalore . . .	14.	77·2.	Kodaikanal . . .	33, 34.	7·0, —1·2.
Pamban . . .	27, 28, 31, 32.	11·65, —0·07, 15, +2·0.			
Madura . . .	17, 20.	73·5, 23·6.			
Trichinopoly . . .	13, 29, 31, 32.	29, 30, 2·83, 6, —2·5.			
Salem . . .	19.	—2·1.			
Vellore . . .	3, 4, 23.	988·9, +0·6, 66.			
<i>Pages 172-173.</i>					
Masulipatam . . .	6, 7, 14, 23.	84·8, 0, 74·0, 69.			
Vizagapatam . . .	3, 4, 24, 25.	1009·7, 0, 3·7, —0·9.			
Katmandu . . .	12.	41.			
Abu . . .	2.	3940.			
Ootacamund . . .	3, 4, 14, 15, 17.	780·7, +0·4, 51·5, 58·7, 55·3.			
Hambantota . . .	5.	1005·5.			
<i>Pages 174-175.</i>					
Bahrain . . .	5.	1013·3.			

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INDIA WEATHER REVIEW, 1945

Monthly Weather Report

January

Published by authority of the Government of India

Chief Feature.—Two active western disturbances affected the country during the first ten days of the month causing widespread precipitation in northern India followed by severe spells of cold weather.

Seven western disturbances affected northwest India during the month. Of these the first two were very active. The first disturbance which lay over Iraq on the 1st morning moved across Iran and the Persian Gulf during the day causing widespread precipitation along its track. It was situated over Baluchistan on the 3rd morning and was causing cloudy weather over the whole of northwest India. On the 4th morning the disturbance was over Rajputana and widespread precipitation had occurred during the previous 24 hours in Baluchistan and Sind with local showers in the belt of country from the North-West Frontier Province and Kashmir to Rajputana and the west Central Provinces. It then travelled eastwards across the central parts of the country, the United Provinces and Bihar and finally passed across northeast India on the 7th. The precipitation associated with it was widespread over the whole of northern India and the central parts of the country between the 4th and 7th; local falls extended southwards to the Konkan and the Bombay Deccan. Heavy snowfall occurred in Kashmir and the Punjab hills during the first week. In the rear of the disturbance extensive fog occurred over northwest India on the 5th and 6th.

The next disturbance appeared over the northwest frontier on the 7th. It passed across the United Provinces hills on the 10th after causing local to fairly widespread precipitation from the North-West Frontier Province to the east United Provinces, Bihar and Chota Nagpur. At the same time its secondary over the Gulf of Oman moved across the northeast Arabian Sea and Gujarat and weakened over the Central Provinces on the 9th after causing local showers in Sind, Gujarat and the central parts of the country between the 6th and 9th.

The third disturbance of the month passed across the extreme north of the country between the 11th and 13th and its secondary affected Gujarat and the west Central Provinces causing local to fairly widespread showers in the central parts of the country between the 12th and 14th.

In the wake of the above disturbances severe spells of cold weather swept over India, which caused the day and night temperatures to remain 10° to 20° below normal in northwest India, the United Provinces, the central parts of the country and the Bombay Deccan during the first ten days of the month. Unusually low minimum temperatures were recorded at a few stations in the region from northeast Baluchistan to the west United Provinces and in the Bombay Deccan. The cold weather gradually receded from northwest India by the middle of the month.

The fourth and fifth disturbances were feeble and the country was generally dry during the third week. The sixth disturbance caused local precipitation from the North-West Frontier Province to the United Provinces hills between the 22nd and 24th. The seventh and last disturbance was moderately active and caused local to fairly widespread precipitation in the North-West Frontier Province, Kashmir, the east and north Punjab and the west United Provinces on the 28th and 29th.

The total rainfall of the month was in large excess in the whole of northern India outside Kashmir and Baluchistan, in the central parts of the country and the Konkan. It was normal in Baluchistan, and in moderate to large deficit elsewhere.

The mean maximum temperature was below normal in the United Provinces, northwest India, the central parts of the country and the Konkan, and normal elsewhere. The mean minimum temperature was below normal in the west United Provinces, Kashmir, Sind, east Rajputana and Gujarat. Elsewhere it was normal.

Relative humidity was in excess in Chota Nagpur, Bihar, the east United Provinces, north-west India outside Kashmir, in the central parts of the country, the Konkan, the Bombay Deccan, north Hyderabad and Mysore.

The mean cloud amount was in excess in Bihar, the United Provinces, the east and north Punjab, the North-West Frontier Province, the central parts of the country, the Konkan, Mysore and Malabar. It was normal elsewhere except in Bengal and Orissa where it was in defect.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 31 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

N.B. - The Indian Standard Time used in this publication is 6 Hrs. 39 Mins. in advance of G. M. T.

Poona No. 5: }
The 15th May 1945. }

K. R. RAMANATHAN,
for Director-General of Observatories.

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS—JANUARY 1945

	RAINFALL.				DEPARTURE FROM NORMAL OF						RAINFALL.				DEPARTURE FROM NORMAL OF							
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	9 hrs. I. S. T.			Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	9 hrs. I. S. T.			Actual.	Normal.	Departure from normal.	
	1	2	3	4	5	6	7	8	Vapour pressure.	Relative humidity.	Cloud.	1	2	3	4	5	6	7	8	Vapour pressure.	Relative humidity.	Cloud.
Division	"	"	"	"	"	"	mb.	%				Division—contd.	"	"	"	"	"	"	mb.	%		
1. Assam	... 1.74	0.64	+ 1.10 + 172	+ 1.1 + 0.8 - 0.4	0 + 0.1	9. Rajputana	... 1.07	0.27	+ 0.80 + 296	- 5.3	- 2.0 + 0.4	+ 13 + 0.1										
2. Bengal	... 1.03	0.38	+ 0.65 + 171	- 0.5 - 0.8 - 0.7	+ 2 - 0.7	10. Bombay	... 0.24	0.10	+ 0.14 + 140	- 2.5	- 1.5 + 0.5	+ 10 + 0.1										
3. Orissa	... 0.71	0.37	+ 0.34 + 92	- 1.3 - 1.4 - 1.1	+ 1 - 0.6	11. Central India	... 0.95	0.48	+ 0.17 + 98	- 4.1	- 1.4 + 0.2	+ 11 + 1.2										
4. Bihar	... 2.26	0.63	+ 1.63 + 259	- 1.6 - 0.3 + 0.2	+ 7 + 0.6	12. Central Provinces and Berar.	1.21	0.45	+ 0.76 + 169	- 2.9	+ 0.1 + 1.2	+ 11 + 1.1										
5. United Provinces	2.17	0.88	+ 1.29 + 147	- 3.5 - 1.2 + 0.3	+ 11 + 1.3	13. Hyderabad	... 0.06	0.27	- 0.21 - 78	- 0.6	+ 1.0 + 0.4	+ 5. - 0.2										
6. Punjab	... 2.13	0.93	+ 1.20 + 129	- 4.2 - 1.2 + 0.4	+ 12 + 0.7	14. Mysore	... 0	0.17	- 0.17 - 100	- 0.3	+ 0.7 + 0.5	+ 7. + 1.1										
7. North-West Frontier Province	1.46	0.80	+ 0.66 + 83	- 4.3 - 1.1 + 0.9	+ 9 + 0.8	15. Madras	... 0.16	0.85	- 0.69 - 81	- 0.3	+ 0.3 - 0.5	+ 1. - 0.1										
8. Sind	... 1.03	0.24	+ 0.79 + 329	- 2.3 - 2.3 + 0.7	+ 9 + 0.3	Mean of India	... 1.07	0.50	+ 0.57 + 114	- 2.4	- 0.8 + 0.2	+ 8. + 0.4										
Sub-division												Sub-division—contd.										
1. Bay Islands	...											18. Central India, West.	0.89	0.23	+ 0.66 + 287	- 4.7	- 1.1 + 0.3	+ 13 + 1.8				
2. Assam	... 1.74	0.64	+ 1.10 + 172	+ 1.1 + 0.8 - 0.42	0 + 0.1	19. Do. do. East.	1.04	0.81	+ 0.23 + 28	- 3.3	- 1.7 0 + 8 + 1.1											
3. Bengal	... 1.03	0.38	+ 0.65 + 171	- 0.5 - 0.8 - 0.75	+ 2 - 0.7	20. Berar	... 1.03	0.36	+ 0.67 + 186	- 2.5	- 0.3 + 1.6	+ 13 + 0.9										
4. Orissa	... 0.71	0.37	+ 0.34 + 92	- 1.3 - 1.4 - 1.06	+ 1 - 0.6	21. Central Provinces, West.	1.34	0.50	+ 0.54 + 168	- 3.8	- 0.7 + 1.4	+ 11 + 1.4										
5. Chota Nagpur	... 2.20	0.75	+ 1.45 + 193	- 1.9 - 0.7 + 0.18	+ 7 0	22. Do. do. East.	1.14	0.42	+ 0.72 + 171	- 2.1	+ 1.4 + 1.0	+ 6 + 0.8										
6. Bihar	... 2.29	0.57	+ 1.72 + 302	- 1.4 + 0.1 + 0.19	+ 7 + 1.0	23. Konkan	... 0.30	0.06	+ 0.24 + 400	- 3.0	- 1.8 + 1.3	+ 12 + 0.5										
7. United Provinces, East	1.78	0.67	+ 1.11 + 166	- 3.3 - 0.5 + 0.23	+ 9 + 1.3	24. Bombay Deccan...	0.09	0.15	- 0.06 - 40	- 0.5	- 0.7 + 0.6	+ 10 + 0.2										
8. Do. do. West	2.63	1.11	+ 1.52 + 137	- 3.8 - 2.1 + 0.41	+ 12 + 1.4	25. Hyderabad, North	0.12	0.27	- 0.15 - 56	- 1.5	+ 1.0 + 0.7	+ 9 - 0.1										
9. Punjab, East and North	2.98	1.40	+ 1.58 + 113	- 4.9 - 1.5 + 0.36	+ 11 + 0.9	26. Do. South	0	0.26	- 0.26 - 100	+ 0.1	+ 1.0 + 0.2	+ 3 - 0.2										
10. Do. Southwest	1.13	0.39	+ 0.74 + 190	- 3.5 - 0.9 + 0.54	+ 13 + 0.5	27. Mysore	... 0	0.17	- 0.17 - 100	- 0.3	+ 0.7 + 0.5	+ 7 + 1.1										
11. Kashmir	... 1.60	2.77	- 1.17 - 42	- 5.9 - 3.8 - 0.6	0 + 0.7	28. Malabar	... 0.31	0.53	- 0.22 - 42	- 0.5	- 0.2 - 0.6	+ 4 + 1.0										
12. North-West Frontier Province	1.46	0.80	+ 0.66 + 83	- 4.3 - 1.1 + 0.89	+ 9 + 0.8	29. Madras, Southeast	0.22	1.49	- 1.27 - 85	- 0.5	+ 0.2 - 0.4	+ 1. - 0.1										
13. Baluchistan	... 1.05	0.96	+ 0.09 + 9	- 2.7 - 1.3 - 0.06	+ 7 - 0.5	30. Do. Deccan...	0	0.18	- 0.18 - 100	+ 0.2	+ 1.6 - 0.4	0 - 0.8										
14. Sind	... 1.03	0.24	+ 0.79 + 329	- 2.3 - 2.3 + 0.65	+ 9 + 0.8	31. Do. Coast, North	0.07	0.49	- 0.42 - 56	- 0.4	- 0.3 - 0.9	0 - 0.6										
15. Rajputana, West	1.65	0.24	+ 1.41 + 587	- 5.0 - 1.5 + 0.72	+ 11 - 0.1																	
16. Rajputana, East	0.60	0.31	+ 0.29 + 91	- 5.0 - 2.3 + 0.12	+ 13 + 0.3																	
17. Gujarat	... 0.35	0.07	+ 0.28 + 400	- 3.9 - 2.0 + 0.1	+ 9 - 0.1																	

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.)

STATION.	Height of barometer above mean sea level in feet.	Pressure reduced to 32° F and standard gravity, millibars.			Maximum temperature °F.			Minimum temperature °F.			Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.			Relative humidity %			
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Bay Islands																					
Port Blair	261																				
Assam																					
Dibrugarh	348	1004.1	- 2.1	1000.6	74.1	+ 2.7	79	23	49.7	- 0.4	44	9	55.8	65.1	54.3	60.2	13.7	- 0.5	15.5	91	- 3
Sibsagar (R)	317																				
Tezpur	258	1007.2	- 2.2	1003.2	75.8	+ 2.0	80	20,21,25	52.3	- 0.2	42	8	58.0	68.5	56.0	62.8	14.4	- 0.1	17.0	88	- 3
Gauhati	182	1009.3	- 2.2	1005.6	76.9	+ 2.3	79	3,30	52.3	+ 1.3	45	8	57.7	72.6	56.3	62.7	15.0	+ 0.3	14.9	89	- 2
Dhubri	115	1011.5	- 2.1	1008.3	72.6	- 0.8	80	28	53.5	+ 0.3	46	7,8	57.6	68.6	56.1	61.4	14.2	- 0.3	15.4	91	+ 4
Silchar	96	1012.1	- 2.3	1008.4	78.3	+ 0.3	88	6	53.1	+ 0.8	46	8,9	57.8	71.6	55.6	63.1	14.2	- 1.1	15.9	87	+ 1
Srimangal	69	1012.2	- 2.8	1009.4	77.6	- 1.9	83	6,21	47.6	+ 0.1	41	8	55.4	72.1	54.0	63.8	13.6	- 0.3	16.3	91	+ 4
Bengal																					
Cox's Bazar	38	1013.1	- 1.9	1010.0	79.0	- 0.6	84	3,6	57.3	+ 1.1	50	9	68.1	74.4	61.8	64.7	15.9	- 0.8	16.3	69	- 8
Chittagong	87	1011.5	- 2.2	1008.4	79.9	+ 1.1	85	6	55.1	+ 0.1	48	8	62.8	72.3	58.0	63.6	14.2	- 1.6	16.2	73	- 8
Noukhali	22	1014.2	- 1.8	1011.2	79.7	+ 1.6	85	6	55.9	- 1.6	49	9	61.7	73.5	56.7	63.6	15.5	- 0.7	15.5	83	+ 2
Comilla	29	1013.7	- 2.1	1010.6	78.7	+ 0.2	84	2	53.1	+ 0.2	47	8	58.8	75.9	56.7	63.7	14.8	- 0.8	14.7	88	+ 9
Brahmanbaria	92	1013.7		1010.9	77.4	- 1.6	84	6	53.1	+ 1.8	48	8,9	59.5	73.0	57.6	67.4	15.3	+ 1.0	20.4	88	+ 15
Narayanganj	26	1013.7	- 2.4	1010.6	77.9	0	83	27	53.8	- 1.7	47	8	59.6	73.1	56.8	62.5	14.4	- 0.7	14.6	84	+ 4
Mymensingh	62	1013.3	- 1.9	1010.2	76.9	+ 0.8	82	24	53.1	- 0.5	45	8	58.6	72.6	56.1	63.1	14.3	- 0.2	15.4	85	+ 2
Faridpur	27	1014.3	- 1.3	1011.1	74.5	- 1.4	82	28	51.0	- 1.8	44	8	59.5	69.5	56.3	61.8	14.1	- 0.7	15.5	80	- 2
Barisal	11	1014.3	- 2.4	1011.2	77.3	- 0.5	83	2	54.7	- 0.7	49	8,9	61.4	72.5	57.0	62.0	14.4	- 1.5	14.3	78	- 2
Khulna	16	1015.0	- 1.8	1011.9	78.8	+ 0.3	86	28	54.3	- 0.8	48	8	62.0	72.4	57.1	62.4	13.7	- 1.0	14.7	73	+ 1
Jessore	26	1014.6	- 1.9	1010.8	78.1	- 0.5	84	27,28,29	47.4	- 1.8	40	8	57.2	73.6	56.0	62.2	14.6	+ 0.1	13.9	90	+ 21
Satkhira	16	1014.7	- 1.9	1011.4	78.2	- 2.0	85	28	51.3	- 1.5	44	8	58.6	73.4	55.4	62.9	13.6	- 0.9	14.8	81	+ 2
Dum Dum (R)	33																				
Calcutta	21	1014.9	- 1.7	1011.6	77.7	- 1.9	86	23	54.1	- 0.5	47	8	58.1	72.5	54.8	61.0	13.1	- 1.6	13.1	80	- 5
Saugor Island	10	1014.7	- 2.0	1011.9	75.3	- 1.7	81	1,2	57.5	- 1.1	50	8	64.4	71.1	59.0	61.4	14.6	- 2.9	13.3	71	- 12
Sandheads	28	1014.2	- 1.9	1011.7																	
Midnapore	149	1010.5	- 1.6	1006.9	77.5	- 3.3	85	28	53.3	- 2.8	48	5	60.5	74.7	55.0	60.7	12.3	- 0.8	11.8	68	+ 1
Burdwan	106	1012.3	- 1.4	1008.8	77.3	- 1.6	84	2,28	53.1	- 1.6	47	8	59.0	74.5	54.9	60.6	12.9	- 0.2	11.7	76	+ 3
Krishnagar	48	1012.9	- 1.5	1010.7	78.1	0	86	28	49.7	- 1.9	48	8,9	57.2	73.0	54.2	62.2	13.0	- 0.6	14.1	82	+ 6
Asansol	414	1001.1	- 1.5	997.9	76.3	- 1.5	84	27	51.6	- 1.1	40	7,8	57.3	72.8	53.0	58.4	11.8	- 0.3	10.2	73	+ 4
Berhampore	62	1013.5	- 1.9	1010.2	77.6	+ 0.9	84	2	51.6	- 1.6	48	8	58.5	71.9	54.8	60.6	13.1	- 0.7	12.9	78	- 2
Bogra	63	1012.5	- 1.6	1009.7	75.7	- 0.1	83	27,28	51.4	- 0.7	48	7	57.4	71.6	54.6	61.4	13.2	- 0.6	14.1	83	+ 1
Melta	103	1011.9	- 1.9	1009.0	74.9	+ 0.4	81	26,28	50.1	+ 0.4	41	8	57.8	71.1	54.8	59.9	12.8	- 0.5	12.7	79	+ 4
Dinajpur	123	1010.9	- 1.6	1007.9	75.4	0	81	25	50.1	+ 0.5	40	8	55.2	71.7	53.6	61.2	13.4	+ 0.3	13.7	89	+ 3
Jalpaiguri	71	1005.9	- 1.6	1002.7	74.3	- 0.1	79	5	50.2	- 0.8	42	8	52.9	70.7	51.7	60.8	12.6	- 1.1	13.7	92	+ 3
Orissa																					
Balasore	63	1013.2	- 1.9	1009.8	78.3	- 2.6	85	28	55.1	- 1.2	50	7,8,9	60.0	73.4	55.6	61.9	13.1	- 1.7	13.7	75	0
Chandbali	20	1014.9	- 1.8	1011.7	78.3	- 3.0	86	28	55.9	- 2.1	50	7,8	60.7	73.7	57.1	63.2	14.4	- 1.7	15.0	79	+ 1
Puri	20	1014.9	- 1.5	1011.6	79.7	- 0.3	84	29	61.4	- 2.3	54	8	65.0	74.9	59.9	66.1	15.3	- 3.3	17.8	73	- 7
Gopalpur	56	1013.5	- 1.4	1009.9	80.3	- 0.3	85	17,29	60.7	- 1.6	52	8	66.3	75.9	62.5	68.7	17.5	- 0.4	20.8	79	+ 2
Cuttack	87	1013.3	- 1.6	1009.5	82.6	- 0.5	87	27,31	58.1	- 1.7	51	7,8	62.9	79.3	58.7	64.4	15.1	- 1.5	13.9	77	- 4
Angul	455	989.6	- 1.6	995.9	80.4	- 1.4	87	28	55.8	- 0.6	47	8	60.5	76.9	57.0	62.4	15.0	+ 0.3	12.7	79	+ 3
Sambalpur	486	997.9	- 2.3	994.7	80.7	- 1.1	86	28,31	54.7	- 0.3	48	7,8,24	59.8	77.4	57.8	65.2	14.9	+ 0.7	15.7	85	+ 11
Chota Nagpur	423	1001.2	- 1.5	997.5	78.2	- 2.2	84	2,27,28	52.2	+ 0.9	48	4 days	56.7	74.5	58.7	60.7	12.7	+ 0.3	11.9	81	+ 4
Jamshedpur	742	989.5	- 1.5	985.8	78.0	- 1.2	85	31	52.3	- 0.1	46	8	56.2	74.7	53.5	63.2	12.8	- 0.3	14.6	83	+ 4
Chaibasa	161	1009.9	- 2.0	1007.6	72.1	- 2.2	81	27	49.7	- 0.1	41	8	53.1	68.4	52.1	60.7	12.8	- 0.1	14.7	93	+ 8
Ranchi	2,150	949.3	- 2.0	937.9	72.8	- 0.7	80	31	48.5	- 2.6	41	7	54.2	67.6	49.9	56.0	10.2	+ 0.1	9.1	74	+ 12
Hazaribagh	2,006	945.6	- 1.8	943.6	70.4	- 2.4	79	31	48.2	- 2.1	40	29	52.8	64.7	49.0	54.1	10.1	+ 0.2	9.6	76	+ 13
Daltonganj	725	990.2	- 2.1	987.6	72.9	- 3.0	81	26	48.0	+ 0.5	41	4	53.5	70.0	51.1	58.9	11.7	+ 0.3	12.1	87	+ 4
Dhanbad	839	986.1			74.2		82	26	51.4		45	7,8	57.8		52.6		11.3		69		
Bihar																					
Purnea	124	1011.2	- 2.1	1008.2	74.7	0	81	21,27	48.3	+ 0.6	37	8	53.8	70.3	52.4	60.9	12.7	+ 0.3	14.0	91	+ 3
Darbhanga	161	1009.9	- 2.0	1007.6	72.1	- 2.2	81	27	49.7	- 0.1	41	8	53.1	68.4	52.1	60.7	12.8	- 0.1	14.7	93	+ 8
Motihari	218	1007.5	- 2.0	1005.2	69.5	- 3.0	78	20,27	47.6	+ 0.7	40	8	53.8	67.0	52.5	59.5	12.8	+ 0.4	14.0	92	+ 11
Patna	173	1009.7	- 2.0	1007.5	71.6	- 1.4	79	26	50.5	- 0.0	43	8	55.2	67.4	52.0	68.1	11.9	- 0.2	12.3	79	+ 5
Dehri																					
Gaya	372	1002.8	- 1.9	1000.4	72.2	- 2.1	81	26,27	50.1	+ 0.9	44	4	55.0	68.5	51.7	57.6	11.5	+ 1.1	11.3	79	+ 13
Naya Dumka	489	998.7	- 1.6	995.5	76.8	+ 0.8	85	28	49.9	- 1.0	40	5	55.3	71.2	53.3	58.8	11.6	- 0.4	11.2	71	+ 2
Sabour	122	1011.4	- 2.1	1008.4	73.5	- 0.5	81	26,27	46.8	+ 1.8	40	8	55.5</td								

(R)--Register not received.

Cloud amount (tenths of sky).		Rainfall, inches.				Number of rainy days (0.10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from												STATION.							
Mean 9 hrs. I. S. T.	Departure from normal.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.						18 hrs. I. S. T.													
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1.0	- 1.1	2.5	1.45	- 0.04	1.08	7	3	- 0.7	1.1	+ 0.5	1	8	10	2	2	2	0	1	5	2	1	1	0	0	0	0	0	27	
2.2	- 1.2	1.3	0.86	+ 0.28	0.86	7	1	- 0.5	1.2	- 0.5	0	3	7	0	0	1	2	0	18	0	0	3	0	0	0	1	0	27	
4.6	+ 2.1	3.1	1.75	+ 1.37	1.62	7	2	- 0.9	2.0	+ 0.8	6	2	6	1	1	2	1	9	4	7	8	0	0	2	1	0	9		
3.4	+ 1.3	2.5	2.17	+ 1.86	2.13	7	1	- 0.2	3.2	+ 0.1	8	6	9	0	2	3	0	2	1	3	2	4	0	0	1	3	1	11	
2.6	+ 0.4	1.0	1.65	+ 0.88	1.20	7	2	- 0.5	1.1	0	1	14	3	10	0	2	0	0	1	0	1	1	2	0	1	25			
1.2	- 0.6	0.9	2.57	+ 2.15	1.71	6	2	+ 1.0	1.5	- 0.1	1	0	1	0	3	3	0	0	23	1	1	0	0	1	3	9	1	15	
1.3	- 0.5	1.7	2.05	+ 1.91	1.15	6	2	+ 1.7	2.1	+ 0.4	11	5	2	0	0	0	1	3	9	4	0	0	0	0	1	1	17	8	
0.8	- 1.0	1.7	2.20	+ 1.96	1.36	6	2	+ 1.6	4.6	+ 0.4	10	14	3	1	0	1	0	0	2	7	0	0	0	0	1	10	13	0	
0.6	- 1.4	1.3	1.73	+ 1.48	1.35	7	2	+ 1.5	4.3	+ 2.5	10	1	0	0	1	0	1	16	2	10	1	0	0	0	0	5	14	1	
0.7	- 0.9	1.3	1.86	+ 1.54	0.93	6,7	2	+ 1.2	2.1	+ 0.9	10	0	1	0	2	1	1	0	16	9	0	0	2	2	1	2	5	10	
0.6	0.5	1.55	+ 1.33	1.00		6	2	+ 1.8	1.5		1	0	2	0	0	1	1	1	25	2	0	0	0	0	0	0	0	29	
1.7	- 0.5	1.0	2.06	+ 1.74	1.41	6	2	+ 1.2	1.6	+ 0.3	12	2	1	0	1	1	3	6	5	2	0	1	0	3	1	7	14	3	
1.2	- 1.2	2.2	0.79	+ 0.47	0.57	7	2	+ 1.1	2.1	+ 1.3	2	5	5	1	0	0	6	4	8	0	1	1	1	0	0	10	3	15	
0.6	- 1.0	1.7	0.55	- 0.12	0.55	7	1	+ 0.1	2.3	+ 0.6	5	1	0	2	2	0	0	13	8	6	7	0	1	1	0	1	4	11	
0.6	- 1.2	1.5	1.61	+ 1.19	0.82	7	2	+ 1.8	2.6	+ 1.4	6	1	1	0	0	0	4	16	3	1	0	0	0	0	0	0	6	21	
1.2	- 0.6	1.9	0.67	+ 0.23	0.63	7	1	+ 0.2	2.5	+ 0.5	12	3	0	0	0	0	9	7	7	1	0	0	0	0	0	0	3	20	
0.7	- 0.8	1.1	0.55	+ 0.18	0.55	7	1	+ 0.1	2.4	+ 1.3	12	3	0	1	0	0	4	6	5	7	0	0	0	1	0	3	4	16	
0.4	- 1.4	1.1	0.41	+ 0.08	0.11	7	1	+ 0.1	1.5	+ 0.4	11	0	0	0	0	0	1	10	3	0	0	0	0	0	0	2	26		
0.7	- 1.6	1.7	1.00	+ 0.63	0.74	7	2	+ 1.2	1.9	- 0.1	4	3	2	0	0	0	0	5	17	5	0	1	0	1	1	0	11	12	
0.7	- 2.0	1.0	0.81	+ 0.40	0.73	7	1	+ 0.1	8.5	+ 3.0	17	9	1	0	1	0	0	3	0	15	7	0	1	2	4	1	1	0	
0.5	- 1.8	1.2	0.53	+ 0.34	0.53	7	1	+ 0.5			12	17	0	1	0	0	1	0	0	6	11	1	2	1	1	1	5	3	
1.6	- 0.6	2.6	0.89	+ 0.42	0.57	6	2	+ 1.1	3.3	+ 1.7	14	10	2	0	0	1	1	2	1	20	6	0	0	3	0	0	0	2	
1.2	- 1.1	1.9	0.85	+ 0.40	0.65	7	2	+ 1.1	1.1	- 0.1	5	1	0	0	0	0	7	18	6	1	2	1	1	1	8	10			
0.8	- 0.8	2.3	0.70	+ 0.25	0.61	7	1	+ 0.1	1.1	0	1	1	1	0	1	0	2	7	18	2	1	0	0	0	1	4	23		
1.8	- 0.6	2.2	0.60	- 0.07	0.52	6	1	- 0.4	4.4	+ 1.1	2	2	0	2	0	1	10	10	4	7	3	2	1	0	1	2	11	3	
2.3	+ 0.1	2.3	0.67	+ 0.29	0.55	7	2	+ 1.0	0.1	- 1.0	0	0	0	0	0	1	0	30	0	0	0	0	0	0	0	0	31		
1.6	- 0.6	2.1	0.49	+ 0.06	0.44	7	1	0	2.2	+ 1.2	1	8	4	1	0	4	4	9	0	2	3	0	0	1	0	8	5	12	
2.1	+ 0.8	1.9	0.38	- 0.16	0.29	7	1	+ 0.1	2.4	+ 0.7	5	1	1	0	0	4	4	13	3	3	1	2	0	0	2	3	17	3	
2.7	+ 0.8	2.7	0.52	+ 0.16	0.52	7	1	+ 0.1	1.9	+ 0.6	0	5	0	0	2	1	7	2	14	0	4	1	0	1	1	7	1	16	
3.2	+ 1.5	3.0	1.04	+ 0.73	0.89	7	2	+ 1.3	2.3	+ 1.4	12	3	2	1	1	0	3	3	6	1	1	6	3	2	2	6	1	9	
1.2	- 1.0	2.0	0.58	+ 0.05	0.52	6	1	0	2.7	+ 0.9	15	6	0	0	0	1	0	9	0	3	2	1	8	3	0	0	0	14	
1.3	- 1.0	0.6	1.21	+ 0.01	1.15	6	1	+ 0.3	3.5	- 0.1	17	1	0	0	0	0	11	2	0	13	12	4	0	0	1	0	1		
1.3	- 1.0	0.6	0.63	+ 0.22	0.61	6	1	+ 0.4	7.7	+ 1.5	28	2	0	0	1	0	0	0	1	1	3	13	11	2	0	0	0		
2.0	+ 0.3	1.7	0	- 0.28	0	0	- 0.5	4.8	- 1.3	29	0	0	0	1	0	1	0	2	0	19	4	1	2	0	0	0	0		
1.9	- 0.6	1.9	0.26	- 0.06	0.20	6	1	+ 0.3	2.0	+ 0.9	2	8	2	1	0	0	4	4	10	2	1	4	2	1	1	4	5	11	
2.1	- 0.8	2.0	0.53	+ 0.09	0.53	6	1	+ 0.1	4.1	+ 1.1	0	0	1	1	0	0	7	10	12	10	5	1	3	1	0	1	2	8	
1.8	- 0.4	1.3	1.77	+ 1.34	1.77	6	1	+ 0.1	2.5	+ 0.4	8	9	4	1	0	0	1	5	3	4	1	2	4	1	2	0	10	7	
1.8	- 0.6	1.9	0.93	+ 0.57	0.86	6	1	+ 0.1	2.5	+ 1.0	1	0	3	1	0	1	8	2	15	2	2	2	1	0	1	8	11	4	
2.5	0	2.6	1.49	+ 0.85	1.47	6	1	- 0.4	1.0	- 0.3	0	0	0	0	0	14	0	0	17	1	6	0	0	1	2	2	1	18	
1.9	- 0.7	2.3	2.20	+ 1.23	2.05	6	2	+ 0.2	3.2	- 0.3	2	0	0	1	4	1	2	6	15	10	0	3	1	0	0	1	6	10	
2.8	+ 0.4	3.1	2.87	+ 1.98	2.08	6	2	+ 0.1	5.3	+ 0.1	2	0	0	2	5	3	4	11	4	6	3	2	1	0	1	0	18	0	
3.1	+ 1.1	3.3	3.52	+ 2.00	3.04	6	2	- 0.4	2.5	+ 0.7	0	0	6	3	5	0	2	3	12	4	7	2	0	0	0	6	9	3	
			1.01		0.93	6	1		5.2		0	0	2	1	1	8	7	6	6										
2.5	+ 0.7	2.5	0.79	+ 0.33	0.73	6	1	+ 0.2	2.4	+ 1.0	1	2	2	0	0	9	10	1	6	1	1	0	0	0	6	14	0	9	
3.2	+ 1.2	3.9	2.55	+ 2.11	1.89	6	2	+ 1.0	1.8	+ 0.4	0	3	3	0	0	2	15	2	6	1	2	0	0	0	2	17	4	5	
4.6	+ 2.1	3.5	2.01	+ 1.54	0.85	5	4	+ 2.																					

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.)

STATION.	Height of bar. diurnal sea above mean level in feet.	Pressure reduced to 52°F and standard gravity, millibars.				Maximum temperature °F.			Minimum temperature °F.			Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %							
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean	Departure from normal.	Highest.	Date.	Mean	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Departure from normal.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22				
U. P., East																									
Gonda	360	1003.5		1001.4	69.8	- 4.0	79	1, 27	45.5	- 0.3	40	12, 13	49.1	65.6	48.0	56.9	11.0	+ 0.5	12.0	92	+ 9				
Gorakhpur	251	1006.0	- 2.2	1004.1	69.9	- 3.1	79	27	49.8	+ 1.3	43	7, 8	52.9	67.2	51.5	61.8	12.3	+ 0.7	16.3	91	+ 9				
Benares	250	1006.7	- 2.0	1004.8	70.7	- 3.5	84	26	46.7	- 1.4	40	13	50.8	67.8	49.6	57.6	11.7	0	11.7	91	+ 10				
Allahabad (Bamrauli)	322	1004.5	- 1.8	1002.4	69.9	- 4.9	80	26, 27	46.5	- 0.6	38	13	50.5	67.6	48.6	56.9	10.8	+ 0.1	11.1	88	+ 5				
Fatehpur	375	1002.1		999.6	71.1	- 4.1	80	25	45.2	- 1.2	37	13	49.9	68.4	48.5	61.5	10.9	+ 0.5	15.5	90	+ 18				
Cawnpore	418	1000.9	- 1.8	998.9	70.5	- 1.4	80	27	45.4	- 0.3	38	13	48.2	67.9	46.9	60.1	10.3	- 0.1	14.1	90	+ 9				
Lucknow	371	1002.1	- 2.1	1000.1	72.0	- 1.9	83	26	46.2	- 0.9	38	12	49.8	67.5	47.8	56.7	10.4	0	10.7	86	+ 5				
Bahraich	407	1000.2	- 2.3	998.9	69.1	- 3.5	78	1, 26, 27	46.8	- 0.3	41	7, 12	49.2	66.4	48.2	57.4	11.0	+ 0.1	12.1	92	+ 8				
U. P., West																									
Jhansi	824	986.8	- 2.0	984.0	72.0	- 4.1	81	4 days	44.0	- 5.9	38	12	49.1	69.7	46.0	55.6	9.2	- 0.4	8.8	78	+ 13				
Agra	554	996.7	- 1.3	994.3	67.8	- 4.8	78	26	45.0	+ 0.7	36	12	48.1	65.9	45.6	54.1	9.3	+ 1.2	8.9	81	+ 14				
Maiupuri	516	997.2	- 2.0	995.4	69.0	- 4.2	81	26	43.4	- 2.2	35	12, 13	46.1	65.1	45.2	56.1	9.8	+ 0.4	11.3	92	+ 16				
Aligarh	615	993.7		992.1	66.6	- 4.3	78	25, 26	44.1	- 1.1	35	12	46.8	63.8	44.9	53.5	9.2	+ 1.3	9.5	85	+ 18				
Bareilly	568	994.9	- 2.0	993.2	67.5	- 2.7	78	26	45.4	- 0.6	37	12, 13	47.7	64.5	46.5	55.4	10.3	+ 0.1	10.9	91	+ 7				
Roorkee	899	983.0	- 2.2	981.5	64.9	- 3.5	74	26	42.0	- 1.7	36	2, 11, 12	45.2	61.1	44.2	53.4	9.4	+ 0.1	10.6	92	+ 6				
Dehra Dun	2,239	986.8	- 1.4	985.6	63.1	- 3.1	73	17	40.6	- 3.4	30	11	43.9	58.4	42.8	51.1	8.5	+ 0.1	9.5	89	+ 13				
Punjab, E. and N.																									
New Delhi	714	990.3	- 1.8	988.5	65.3	- 5.2	76	26	42.9	- 0.4	33	12	45.1	63.2	42.9	51.6	8.6	+ 0.9	7.9	83	+ 15				
Hissar	725	990.1	- 2.0	988.7	66.1	- 4.7	79	25	39.1	- 2.3	31	12, 13	42.1	63.3	41.2	53.3	8.3	+ 0.7	9.4	93	+ 21				
Ambala	892	983.9	- 1.5	982.9	64.0	- 5.1	75	20	42.8	- 0.6	35	11, 12, 13	45.5	60.6	44.3	53.3	9.5	+ 0.5	10.5	89	+ 11				
Ludhiana	812	986.8	- 1.7	985.6	63.2	- 3.7	73	24, 26, 27	41.6	- 2.1	33	18	43.7	60.5	42.5	54.1	8.8	+ 0.1	11.4	91	+ 9				
Lahore	702	990.7	- 1.8	989.8	62.1	- 5.9	71	20, 22, 26	39.6	- 0.5	31	11, 12, 13	42.8	59.9	41.9	52.6	8.6	+ 0.2	10.2	94	+ 9				
Sialkot	830	986.1	- 2.0	984.7									39.5	- 2.7	31	12	42.8	57.0	41.8	51.8	8.6	- 0.2	10.9	91	+ 3
Rawalpindi	1,074	956.7	- 2.1	956.1	57.4	- 4.9	68	20, 22	36.8	- 1.6	30	11, 12	39.6	53.9	38.5	46.9	7.5	+ 0.3	8.0	90	+ 7				
Punjab, Southwest																									
Khushab	612	993.9	- 2.5	992.6	64.2	- 3.5	74	4 days	39.4	- 1.3	32	10	42.4	61.7	40.9	51.5	8.0	+ 1.3	8.5	66	+ 19				
Lyallpur	605	993.9	- 2.4	993.0	63.0	- 4.1	74	22	38.8	- 1.1	30	11	41.5	61.1	40.4	51.4	8.1	- 0.1	8.7	91	+ 18				
Montgomery	558	995.2	- 2.7	994.4	63.5	- 4.6	74	22	38.5	- 3.2	30	11, 12, 13	43.2	61.7	41.4	51.0	8.0	+ 0.3	8.1	86	+ 8				
Leih	490	999.3		998.2	64.2				76	18	39.0	31	42.0	62.6	40.3	51.1	7.8		7.7	86					
Multan	418	1001.9	- 1.5	1000.2	65.3	- 2.7	77	18, 21, 22	42.0	0	31	11	44.6	63.6	43.3	65.2	8.9	- 0.4	11.0	89	+ 14				
Fort Abbas	475	999.4		997.6	65.7				77	22, 23	40.6	31	42.8	63.6	41.6	62.7	8.0	+ 0.8	8.4	82	+ 8				
Bahawalpur	384	1002.6	- 1.9	1001.0	66.7	- 3.2	78	22, 23	40.9	+ 0.6	30	12	43.7	61.4	41.6	62.7	7.9	+ 1.4	9.8	84	+ 17				
Khanpur	297	1005.7	- 2.2	1003.5	69.0	- 2.9	80	22, 23	39.5	- 0.4	20	10	43.1	67.0	41.1	65.4	7.9	+ 1.4	9.8	84	+ 17				
Kashmir																									
Srinagar	5,205	843.0	- 2.4	842.1	38.1	- 2.9	49	28	28.3	+ 1.0	17	12	29.6	35.8	28.4	33.6	4.9	0	5.7	89	- 1				
Gulmarg	8,709												Closed during winter months.												
Dras	10,050	701.7		700.3	11.2	- 6.2	21	1, 6	- 12.8	- 2.5	- 30	16	- 3.5	8.9	- 4.3	7.9	1.0	- 1.5	1.9	73	- 11				
Leh	11,529	663.6		661.5	15.5	- 13.9	24	11	- 1.2	- 9.2	- 8	17	2.7	14.4	2.0	13.1	1.5	0	2.4	82	+ 20				
Skardu	7,605	770.7		769.8	28.8	- 4.7	35	25, 27, 28	12.7	- 3.7	- 2	15	16.9	26.4	13.0	22.3	1.5	- 1.7	2.8	44	- 36				
Gilgit	4,890	853.6		852.9	44.2	- 2.1	53	22, 27	31.2	- 0.8	25	15, 16	33.0	42.4	30.9	35.5	5.1	+ 0.3	4.3	80	+ 7				
Misgar	10,190	694.9		693.3	25.9				36	26	8.7	3	6 days	11.4	21.5	10.1	18.9	2.2		2.9	82				
N.-W. F. Province																									
Peshawar	1,164	975.7	- 2.0	974.7	59.4	- 3.6	70	21, 27	39.1	- 1.3	31	11	42.5	56.9	39.6	47.9	6.9	+ 0.7	7.3	75	+ 3				
Bannu	1,264	970.9		970.0	60.0	- 5.6	72	17, 21	40.8	+ 0.9	31	11	44.5	58.4	40.3	47.9	6.7	+ 0.9	6.7	68	+ 7				
Miranshah	3,026												54.3	- 2.4	69	17	33.1	- 2.6	24	11, 12	37.5	52.8	34.7		
Dera Ismail Khan	570	996.4	- 1.5	995.0	62.5	- 5.5	74	21, 28	38.8	- 1.5	29	11, 12	42.4	60.3	40.2	51.2	5.6	+ 1.2	6.2	74	+ 15				
Baluchistan																									
Fort Sandeman	4,614	859.7	- 1.7	858.2	49.8	- 4.9	63	18	28.3	- 2.3	15	10	31.3	48.1	29.5	39.2	4.8	+ 0.2	4.6	82	+ 3				
Loralai	4,690	856.0		854.8	50.9				63	18	27.4		19	10, 12, 13	30.6	49.0	28.2	38.7	4.4		3.9	74			
Sibi	441	1000.7	- 1.2	998.5	67.7	- 2.4	80	18	42.0	0	31	13	46.1	65.8	40.7	50.7	6.2	+ 0.8	5.9	59	+ 8				
Quetta	5,490	832.4	- 2.2	830.2	42.8				57	18	25.1	4	11	31.4	41.1	27.5	33.6	3.7	- 0.9	3.6	64				
Chaman	4,911	869.4	- 2.0	868.5	49.0	- 3.4	64	22	32.8	- 1.7	16	10, 11	36.4	47.0	33.4	39.8	5.3	- 0.4	5.6	73	+ 6				
Kalat	6,616	798.6	- 1.6	797.3	44.8	- 4.7	58	18, 22	21.3	- 4.6	- 1	9	25.6	40.5	24.5	37.8	4.0								

Cloud amount (tenths of sky).		Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.				
Mean 9 hrs. I. S. T.	Departure from normal.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.								18 hrs. I. S. T.								STATION.				
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52		
3.3	+ 0.4	3.9	2.57	+ 2.06	1.52	6	5	+ 3.8	9.2	+ 0.5	1	2	4	1	0	1	13	3	6	0	0	5	1	0	1	13	6	5	53	
3.7	+ 1.9	3.1	3.22	+ 2.63	1.66	6	9	+ 6.7	2.6	+ 1.5	2	1	3	2	0	3	14	2	4	1	1	3	2	0	1	18	2	3	U. P., East Gonda	
3.0	+ 1.0	3.2	1.25	+ 0.51	0.59	6	3	+ 1.5	4.9	+ 2.7	0	1	4	0	0	16	3	0	7	2	3	4	0	0	2	9	10	1	Benares	
3.3	+ 0.4	4.8	1.29	+ 0.44	0.48	6	5	+ 3.9	2.8	+ 0.2	0	3	4	0	1	4	12	2	5	6	4	3	1	1	0	4	10	2	Allahabad (Banrauli)	
4.0	+ 1.6	3.9	1.35	+ 0.81	0.48	5	5	+ 3.6	2.1	+ 0.1	0	1	3	3	0	1	1	5	17	0	1	6	1	0	0	4	10	9	Fatehpur	
3.3	+ 1.7	3.7	0.71	+ 0.15	0.35	1	2	+ 0.6	5.7	+ 3.4	1	4	3	1	0	7	6	4	5	3	2	3	4	0	1	9	8	1	Cawnpore	
3.3	+ 1.0	3.7	1.00	+ 0.24	0.34	1	3	+ 1.5	1.8	+ 0.5	0	0	3	0	0	0	10	0	18	1	1	5	0	0	0	11	2	11	Lucknow	
3.9	+ 2.0	3.8	2.82	+ 2.00	1.10	6	5	+ 3.4	3.3	+ 1.7	5	2	2	2	0	2	8	5	5	1	0	4	2	0	3	6	3	12	Bahraich	
3.6	+ 1.5	3.2	0.60	+ 0.06	0.42	1	2	+ 0.8	3.4	+ 1.2	3	5	2	0	1	6	5	9	0	2	4	6	0	0	2	16	1	0	U. P., West Jhansi	
3.9	+ 1.1	3.4	1.00	+ 0.49	0.37	1	3	+ 1.8	2.8	+ 0.1	5	2	2	0	0	3	2	12	• 5	3	2	0	2	0	1	2	12	9	Agra	
3.6	+ 0.9	3.8	0.59	+ 0.32	0.30	5	4	+ 2.7	2.7	+ 1.3	1	0	2	2	1	1	10	6	8	0	0	2	2	1	1	9	8	8	Mainpuri	
4.2	+ 2.3	3.4	1.85	+ 1.89	0.68	11	5	+ 3.8	3.9	+ 0.6	1	2	1	4	0	1	11	7	4	5	0	2	3	0	0	9	6	6	Aligarh	
4.3	+ 1.4	3.9	2.30	+ 1.31	0.66	5	7	+ 5.1	3.3	+ 1.8	2	2	1	2	1	4	8	5	6	1	0	3	1	1	2	19	2	2	Bareilly	
4.8	+ 1.5	4.9	9.98	+ 2.81	2.24	5	7	+ 4.2	3.2	+ 1.4	1	0	0	3	0	3	3	14	7	0	1	0	4	0	1	0	19	6	Roorkee	
5.7	+ 1.4	5.6	7.54	+ 5.22	3.13	5	8	+ 4.1	1.6	+ 0.1	3	6	2	1	0	0	0	2	17	1	0	1	4	0	9	9	3	4	Dehra Dun	
4.7	+ 1.5	4.0	0.92	- 0.07	0.29	5	6	+ 4.0	5.1		2	1	1	1	1	2	10	10	3	6	3	2	4	0	0	2	14	0	Punjab, E. and N. New Delhi	
3.8	+ 1.1	4.0	1.69	+ 1.19	0.71	9	4	+ 2.6	4.0	+ 0.7	1	1	1	2	9	10	3	3	7	2	2	1	2	0	6	11	0	Hissar		
3.1	- 0.4	4.3	3.91	+ 2.59	1.91	5	5	+ 2.5	4.0	+ 1.5	0	0	0	5	0	1	0	16	9	0	1	0	4	0	0	0	20	6	Ambala	
4.2	+ 0.8	5.2	2.92	+ 1.41	1.47	5	5	+ 2.3	1.1	- 0.2	0	0	0	2	0	0	0	0	29	1	2	0	1	0	2	1	15	9	Ludhiana	
4.4	+ 0.6	5.3	3.73	+ 2.69	1.68	9	5	+ 3.0	1.4	+ 0.2	3	1	1	0	1	0	4	21	1	2	2	1	1	0	6	17	1	Lahore		
4.9	+ 1.6	4.8	4.86	+ 2.40	1.99	9	3	+ 0.1	2.2	+ 1.2	0	3	0	0	1	1	0	7	19	0	4	0	3	0	3	0	9	12	Sialkot	
5.2	+ 1.2	4.9	3.85	+ 0.86	1.10	5	6	+ 2.2	3.0	+ 1.2	0	3	0	0	0	0	4	0	0	25	0	4	0	1	0	15	1	3	7	Rawalpindi
3.0	- 0.4	4.5	1.52	+ 0.83	0.54	5	5	+ 3.5	3.2	+ 0.7	2	2	1	5	2	5	4	4	6	7	6	2	3	3	2	5	0	3	Khushab	
5.0	+ 0.5	6.1	1.75	+ 1.35	0.64	8	3	+ 2.0	1.8	+ 0.8	1	2	1	1	1	4	7	5	9	0	2	0	0	0	2	7	15	5	Lyallpur	
3.1	+ 0.1	4.7	1.48	+ 1.02	0.70	8	3	+ 1.7	0.3	- 1.9	0	1	0	1	0	1	0	28	0	1	2	0	1	0	1	3	23	Montgomery		
4.5	3.6	0.60	0.47			8	1	3.2	3.1	0	2	1	3	9	9	0	7	5	2	4	2	1	3	4	0	0	Leish			
5.3	+ 2.3	3.7	0.79	+ 0.42	0.36	8	3	+ 1.8	2.4	+ 1.3	8	0	1	1	2	2	0	4	13	13	4	0	1	1	4	0	4	Multan		
4.7	5.3	0.79	0.53			8	2	4.5	2.9	4	1	4	0	2	1	8	13	4	0	0	1	3	4	3	4	3	3	Fort Abbas		
2.8	- 0.4	1.6	0.60	+ 0.44	0.40	8	2	+ 1.4	2.2	+ 0.8	3	3	4	3	1	0	0	1	16	3	7	5	0	2	1	0	1	12	Bahawalpur	
3.5	+ 0.8	3.3	0.62	+ 0.39	0.30	4	4	+ 3.2	2.8	- 1.1	1	0	0	1	0	0	4	16	0	0	17	0	0	4	3	0	3	4	Khanpur	
9.5	+ 1.3	8.5	1.80	- 1.10	0.37	9	7	+ 0.9	2.3	+ 0.1	2	0	1	13	3	0	0	9	3	3	1	1	6	1	2	1	10	6	Gulmarg	
6.7	+ 0.4	5.8	1.10	- 2.73	0.26	30	5	- 4.6	0	- 0.6	1	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	31	Dras	
7.9	+ 1.2	6.7	0.39	+ 0.01	0.09	31	0	- 1.0	1.4	+ 0.3	0	16	0	1	0	0	1	0	13	0	1	0	0	0	10	1	0	19	Leh	
7.5	+ 0.3	6.7	0.76	- 0.12	0.17	30	2	- 0.8	1.4	+ 0.3	0	2	1	0	0	1	3	1	23	0	1	2	1	0	2	3	1	21	Skardu	
7.5	+ 0.6	7.9	0.13	- 0.12	0.05	30	0	- 0.8	0.8	0	0	0	0	1	1	2	1	0	26	0	0	2	0	0	0	0	0	29	Gilgit	
6.7	7.4	0.30	0.08			30	0	3.3			0	2	1	1	1	0	12	2	12	0	0	14	8	1	0	1	0	7	Misgar	
5.6	- 0.1	6.0	2.11	+ 0.67	0.47	5	6	+ 3.1	1.9	+ 0.5	0	0	1	3	12	5	0	2	8	7	3	2	0	4	1	0	5	9	N.-W. F. Province Peshawar	
4.4	+ 1.4	5.1	1.15	+ 0.68	0.44	8	5	+ 3.8	3.1		0	0	1	0	0	0	11	6	18	0	2	5	16	2	0	0	4	2	Bannu	
4.7	+ 1.5	5.4	1.42	+ 0.62	0.37	8	6	+ 4.1	3.5	- 0.6	1	0	0	0	2	1	1	26	0	1	10	2	1	0	0	0	17	Miranshah		
3.8	+ 0.5	4.0	1.17	+ 0.72	0.54	8	4	+ 2.8	2.0	+ 0.9	2	2	0	0	0	3	0	5	19	5	4	3	2	0	1	0	4	12	Dera Ismail Khan Baluchistan	
3.7	+ 0.2	4.1	1.30	+ 0.58	0.84	8	3	+ 0.9	2.7	+ 0.9	0	1	6	2	2	0	0	0	20	5	2	0	0	2	2	3	5	12	Fort Sandeman	
3.6	5.0	0.35	- 0.41	0.15		8	2	+ 0.1	4.9		0	0	1	0	0	0	23	1	6	2	0	1	7	11	1	4	1	4	4	Loralai
4.6	+ 1.4	4.5	0.29	- 0.15	0.29	4	1	- 0.1	3.2	+ 0.8	4	8	2	1	0	0	1	4	16	2	1	0	6	7	6	4	4	1	Sibi	
4.0	- 0.4	4.7	2.81		0.57	4.8	6	3.6	+ 1.1		6	0	0	1	10	1	0	0	13	7	1	0	0	10	2	2	3	6	Quetta	
5.1	+ 0.8	5.8	4.72	+ 3.08	1.32	4</td																								

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.)

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.			Relative humidity, %					
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean	Departure from normal.	Highest.	Date.	Mean	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Departure from normal.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Sind																									
Jacobabad*	166/183	1009.7	- 1.7	1008.0	70.4	- 2.3	82	18, 19	42.5	- 1.3	31	12	45.7	67.7	42.2	42.5	7.6	+ 0.5	9.7	73	+ 8	4			
Sukkur	221	1008.3	- 2.0	1006.3	69.7	- 2.6	81	23	44.4	- 0.6	35	10, 11, 12	47.2	67.6	43.7	53.2	8.1	+ 0.7	7.3	75	+ 13	3			
Pad Idan	150	1011.2		1008.8	70.6		82	19	39.1		30	11, 12, 13	42.5	69.8	40.6	54.8	7.7		7.9	85		3			
Umprkot	55	1013.0		1010.5	73.8		84	4 days	44.5		32	11	47.6	72.5	45.3	61.3	9.2		13.6	83		2			
Hyderabad	96	1013.2	- 1.2	1011.3	73.4	- 2.4	84	22	45.2	- 5.4	37	11	49.9	71.3	45.7	55.4	6.7	+ 0.5	7.8	68	+ 7	2			
Karachi (Clifton)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Karachi (Manora)	13	1015.2	- 1.8	1013.2	72.2	- 3.3	80	27, 28	55.0	- 2.4	46	12	57.3	70.0	52.1	59.2	11.0	+ 0.6	12.2	63	+ 5	1			
Badin	31	1014.6	- 1.6	1012.4	75.3	- 1.0	85	21	45.4	- 1.8	35	11, 12	48.4	73.3	44.8	56.6	8.6	+ 0.9	8.2	73	+ 14	1			
Rajputana, West																									
Sri Ganganagar	580	995.5		994.1	64.1	- 3.7	77	24	38.9	+ 0.8	28	12	49.5	62.5	42.2	52.7	8.5	+ 1.4	9.1	91	+ 18	1			
Bikaner	734	989.3	- 2.2	987.7	67.6		80	23, 24	39.0		28	10	42.9	66.1	40.5	52.6	7.5		7.5	79					
Phalodi	800	988.0		986.0	68.8		80	23	38.3		29	11, 12	41.8	66.7	40.3	54.8	7.8		8.8	88					
Jodhpur	936	989.3	- 0.5	987.2	70.4	- 5.9	83	24	46.2	- 2.4	35	11	49.0	68.9	43.4	52.3	7.1	+ 0.6	6.0	62	+ 12	1			
Barmer	638	992.8	- 1.5	990.4	71.0	- 5.4	83	30	47.1	- 2.9	37	4 days	49.7	69.9	44.1	53.4	7.4	+ 0.1	6.5	63	+ 9	1			
Rajputana, East																									
Jalpur	1,431	965.3	- 2.2	963.5	66.7	- 6.5	77	20	43.9	- 2.9	32	12	47.6	64.8	43.1	50.9	7.5	- 0.3	6.4	69	+ 10	1			
Ajmer	1,593	959.6	- 1.8	957.3	66.2	- 6.5	78	20	42.8	- 2.9	38	12	46.9	64.7	43.6	52.2	8.1	+ 0.1	8.0	76	+ 17	1			
Kotah	843	986.0	- 1.9	983.1	72.3	- 4.8	83	20, 25	48.0	- 3.1	38	12, 13	50.5	70.5	46.2	55.0	8.6	- 0.3	7.8	71	+ 11	1			
Brijnagar	1,053	977.9	- 2.3	974.9	73.3	- 4.6	86	30	47.5	- 0.4	38	12	50.7	70.7	47.2	59.5	9.5	+ 0.9	12.4	77	+ 16	1			
Rajsamand																									
Gujarat																									
Deesa	466	998.9	- 1.2	997.1	79.9	- 3.6	86	8 days	49.2	- 1.7	38	12, 13													
Bhuj	843	1003.1	- 1.4	1000.9	74.2	- 5.2	86	29	49.6	- 2.7	41	11	52.3	73.6	48.4	56.0	9.8	+ 0.1	7.4	73	+ 24	1			
Dwarka	97	1013.8	- 1.4	1011.7	74.6	- 3.3	84	22, 29	57.4	- 2.1	48	11	60.0	71.8	54.3	58.9	11.9	- 1.7	11.1	67	- 3	1			
Jamnagar	60	1013.5	- 1.1		74.3	- 4.8	83	21, 23																	
Rajkot	432	998.7	- 2.2	996.6	78.5	- 4.8	90	29	47.6	- 3.4	37	11, 12	51.0	77.2	46.3	57.3	8.7	+ 0.5	7.0	67	+ 14	1			
Veraval	26	1013.2	- 1.7	1010.7	81.1		91	28	54.0		44	6	58.0	75.0	52.0	65.4	10.5		17.1	64	+ 11	1			
Surat	39	1012.0	- 2.1	1009.6	84.7	- 2.1	95	28	54.9	- 2.9	43	11	56.9	80.9	52.4	67.0	11.4	- 0.8	16.3	72	+ 10	1			
Bhavnagar	55	1012.5	- 1.7	1009.4	81.3	- 2.7	90	23, 24, 30	50.7	- 3.3	40	11	54.4	79.2	48.4	60.4	8.9	+ 0.3	9.4	62	+ 13	1			
Ahmedabad	163	1009.0	- 1.6	1006.1	81.4	- 3.4	89	19, 23, 24	55.0	- 2.6	45	10, 11, 12	57.0	78.2	50.0	60.0	9.1	+ 0.6	9.6	58	+ 11	1			
Dohad	1,093	976.1		973.2	79.1	- 5.0	88	19	50.5	- 1.5	40	7, 11, 12	53.6	76.5	50.4	66.0	11.1	+ 1.9	17.1	78	+ 14	1			
Baroda	115	1010.4		1007.4	82.1	- 4.2	92	24	48.8	- 0.8	38	4 days	52.5	79.0	49.8	64.0	11.1	+ 1.7	13.5	84	+ 23	1			
Central India, West																									
Neemuch	1,626	958.6	- 1.8	956.3	72.3	- 4.8	81	4 days	46.2	- 2.4	34	12	48.7	70.7	43.3	55.0	7.2	- 1.1	8.1	64	+ 6	1			
Indore	1,828	950.8	- 2.4	945.3	75.7	- 3.8	84	19	47.8	- 2.0	36	7	50.6	74.3	47.4	57.3	9.8	+ 0.2	8.8	79	+ 17	1			
Bhopal	1,643	958.0	- 1.9	955.2	73.1	- 6.2	81	1, 30	49.5	- 0.3	39	7	54.1	71.6	50.5	59.8	11.0	+ 2.1	12.3	78	+ 21	1			
Guna	1,571	960.5	- 1.9	958.2	73.0	- 4.1	84	20	45.9	+ 0.2	36	7	48.4	70.4	44.6	54.6	8.3	0	7.7	74	+ 9	1			
Gwalior	681	991.9		989.3	70.2		80	24, 25, 26	44.2		36	13	48.3	67.7	45.5	54.7	9.0		8.8	80					
Madhosagar	757	989.1		986.6	70.8		81	24	48.3		39	12	51.3	67.7	47.3	53.2	9.3		7.3	73					
Central India, East																									
Newgong	750	989.1	- 1.9	986.5	71.9	- 3.0	82	25	42.7	- 3.9	35	12	47.1	70.1	44.9	55.6	9.2	- 0.8	8.6	83	+ 4	1			
Sutna	1,041	975.6	- 2.0	976.3	72.3	- 2.7	83	31	46.3	- 1.8	37	12	51.3	69.7	48.7	57.1	10.6	+ 0.3	10.3	89	+ 12	1			
Umaria	1,506	962.2		959.7	72.8	- 4.2	84	26	47.2	+ 0.7	39	3, 7	52.1	69.7	49.2	58.6	10.6	+ 0.5	12.0	80	+ 9	1			
Berar																									
Akola	925	981.7	- 2.1	977.6	84.5	- 1.6	92	19	55.5	+ 0.6	40	7	58.1	81.9	53.7	62.7	12.1	+ 2.0	10.9	73	+ 16	1			
Amravati	1,213	972.0	- 1.9	968.8	81.5	- 3.3	87	6 days	57.8	- 1.3	44	6	61.2	80.0	54.0	62.6	11.6	+ 1.2	11.4	62	+ 10	1			
C.																									

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10 or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.		
Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
4.1	+1.5	3.4	0.23	0	0.21		4	1	+ 0.3	3.4	+ 1.7	7	3	4	2	1	1	3	0	10	3	5	3	2	0	5	1	11	1
2.2	+0.2	2.4	0.35	+ 0.17	0.35		4	1	+ 0.6	3.2	+ 0.4	4	4	2	9	1	0	1	0	10	3	7	3	5	0	5	4	1	3
2.5		1.6	0.38		0.38		4	1		4.4		3	1	0	0	0	0	1	26	6	5	0	2	4	0	1	2	11	
3.2		1.5	0.88		0.46		4	2		5.0		8	8	5	4	1	0	1	2	2	9	6	1	0	1	1	10	2	
2.7	+0.4	2.2	1.18	+ 1.01	0.70		5	3	+ 2.5	1.0	- 3.1	13	1	0	0	1	1	0	3	12	14	2	2	0	0	3	1	1	8
2.6	-0.3	2.1	2.02	+ 1.56	1.20		4	3	+ 2.0	6.2	0	7	16	6	0	1	0	0	1	0	0	6	3	2	4	8	4	4	0
1.9	-0.3	1.5	1.86	+ 1.21	0.86		8	2	+ 1.6	4.9		13	5	0	1	0	2	1	5	4	10	7	3	0	1	2	3	4	1
3.7	-0.3	4.8	1.52	+ 1.07	0.48		30	5	+ 3.7	3.0	- 0.5	3	0	1	1	1	4	0	1	20	6	1	3	0	0	2	2	15	2
2.7	-0.1	2.2	0.55	+ 0.28	0.32		8	2	+ 1.2	2.0	- 1.0	1	4	1	1	0	3	0	1	20	3	14	1	2	0	1	1	5	4
3.8		3.8	0.60	+ 0.46	0.48		8	1	+ 0.5	5.9		6	3	1	7	3	3	0	2	6	12	4	2	2	0	2	3	6	0
3.4	+0.4	3.4	1.91	+ 1.76	1.28		8	3	+ 2.7	1.1	- 5.8	3	21	2	1	0	1	1	0	2	3	14	1	1	0	2	5	3	2
2.4	-0.2	2.3	2.63	+ 2.45	2.36		8	2	+ 1.6	4.3	- 0.4	2	0	1	0	0	0	0	16	12	3	12	1	2	0	0	4	5	4
3.2	+0.5	3.8	1.33	+ 0.39	0.71		1	3	+ 2.0	5.4	+ 1.9	3	11	4	0	0	0	0	4	9	5	4	2	2	1	4	4	9	0
2.3	-0.1	2.9	1.01	+ 0.64	0.41		1	3	+ 2.0	1.7	+ 0.1	0	0	0	1	0	0	0	1	29	1	8	1	2	1	2	5	2	9
2.5	+0.3	2.6	0.82	+ 0.08	0.19		1	2	+ 1.4	2.6	+ 1.3	2	4	1	1	2	5	7	1	8	5	7	4	2	1	0	5	5	2
2.8	+0.7	3.2	0.82	+ 0.04	0.22		15	2	+ 1.3	3.2	+ 1.2	5	5	1	1	0	0	2	1	16	6	7	3	2	0	1	7	1	4
2.8		3.3	0.55		0.26		5	2		6.1		13	1	0	0	0	2	3	6	6	4	0	10	5	2	1	1	6	2
1.1	-0.7	0.4	0.53	+ 0.40	0.41		8	2	+ 1.7	7.7	+ 1.7	0	18	11	1	1	0	0	0	0	2	12	8	0	2	3	1	3	0
1.0	-0.6	0.8	0.85	+ 0.77	0.43		8	2	+ 1.8	4.6	+ 0.5	4	2	1	0	2	1	0	1	20	16	5	1	1	0	3	2	2	1
2.0	0	0.8	0.05	- 0.05	0.05		4	0	- 0.3	9.6	+ 1.4	10	10	3	4	0	1	0	3	0	6	6	0	0	1	2	7	9	0
2.0	+0.7		0.16	+ 0.11	0.16		5	1	+ 0.9	5.2	- 0.8	5	7	4	1	0	1	1	1	11									
1.3	-0.6	1.1	0.20	+ 0.16	0.17		5	1	+ 0.9	6.2	+ 2.1	2	5	2	2	3	1	1	2	13	7	7	1	0	1	2	2	11	0
1.1	-0.8	1.0	0.56	+ 0.52	0.36		8	2	+ 1.9	11.5		8	14	2	3	0	0	0	4	0	1	2	1	0	4	1	8	13	1
2.2	+0.7	2.1	0.47	+ 0.36	0.33		5	2	+ 1.8	4.4	+ 1.6	7	8	4	2	0	0	0	0	10	1	4	0	0	0	9	2	12	4
1.5	-0.2	1.2	0.34	+ 0.25	0.24		9	2	+ 1.9	4.4	+ 0.8	1	1	0	0	0	4	13	5	7	7	4	2	2	1	3	1		
1.5	-0.1	1.5	0.17	+ 0.15	0.15		8	1	+ 0.9	5.0	+ 1.3	8	9	5	1	1	0	2	4	1	4	7	4	0	1	1	6	8	0
1.9	0	2.0	0.09		0.09		5	0	- 0.2	7.0	+ 4.5	0	9	4	3	4	1	1	0	9	1	7	0	2	1	9	7	8	1
1.3	+0.1	1.3	0.48	+ 0.42	0.38		5	2	+ 1.9	3.3	+ 0.6	2	10	2	1	2	1	0	0	13	4	6	2	0	1	3	8	5	2
3.7	+1.8	4.0	0.21	+ 0.01	0.09		9	0	- 0.4	4.9	+ 0.9	2	17	7	1	1	0	1	2	0	2	14	0	2	1	3	5	2	2
2.7	+0.6	3.8	0.51	+ 0.27	0.21		15	2	+ 1.5	3.1	+ 1.1	0	8	1	2	1	1	2	1	15	2	5	1	3	1	7	8	1	3
3.4	+1.1	4.0	2.44	+ 2.20	0.65		5	6	+ 5.2	2.6	+ 0.5	1	1	0	2	0	3	2	1	21	0	7	3	1	0	4	4	2	10
3.8	+1.5	3.9	0.41	+ 0.15	0.17		14	2	+ 0.8	3.4	+ 1.3	3	2	5	6	1	1	1	0	12	6	4	2	2	3	3	5	4	2
3.4		3.2	0.75		0.30		9	3		1.7		3	3	2	0	0	0	3	6	14	5	5	2	1	1	0	7	8	2
4.2	4.1	1.09	0.55				9	3		4.0		4	5	1	1	3	10	1	1	5	11	7	2	1	1	0	1	7	1
3.9	+1.2	2.9	0.81	+ 0.22	0.35		5	2	+ 0.5	2.1	+ 1.0	2	1	2	0	3	6	2	2	13	10	2	4	0	0	1	4	7	3
3.7	+1.2	4.6	1.23	+ 0.40	0.39		5	4	+ 2.2	2.4	+ 0.3	0	0	7	2	0	0	2	3	17	5	2	4	2	0	1	2	10	5
3.9	+0.8	4.5	1.07	+ 0.06	0.61		6	2	- 0.1	2.2	+ 0.1	2	1	2	6	4	1	0	1	14	6	4	2	2	1	0	3	6	7
2.5	+0.4	3.5	1.23	+ 0.88	0.71		6	3	+ 2.3	4.6	+ 1.9	2	7	6	0	3	1	2	3	7	2	10	1	1	0	2	2	11	2
3.6	+1.5	3.0	0.84	+ 0.47	0.33		6	3	+ 2.2	6.1	+ 2.5	1	13	13	1	1	1	1	0	0	0	7	0	7	0	10	2	5	0
1.8	0	3.9	0.18	- 0.13	0.03		20	0	- 0.6	4.0	+ 1.3	4	2	1	0	1	1	3	2	17	3	5	0	3	6	4	4	5	1
3.1	+1.0	3.0	0.95	+ 0.55	0.26		5	5	+ 4.1	3.7	+ 1.6	1	0	4	14	3	2	3	1	3	0	0	4	12	4	2	6	0	3
4.6	+2.4	3.8	2.73	+ 2.16	1.17		14	6	+ 4.7	10.3	+ 7.1	3	6	8	8	1	2	2	1	0	5	5	3	2	0	3	5	7	1
3.6	+1.4	3.9	1.88	+ 1.06	0.78		14	5	+ 3.3	2.5	+ 1.1	4	0	0	5	3	0	1	0	18	7	7	1	1	5	1	2	4	3
3.7	+1.7	3.3	1.77	+ 1.22	0.49		6	5	+ 3.8	3.8	+ 1.5	9	3	3	2	0	0	2	9	5	2	1	5	7	6	3	2	0	
4.1	+1.8	4.6	0.52	+ 0.15	0.24		6	2	+ 1.2	3.4	0	17	3	2	0	0	0	0	3	6	4	5	2	3	3	3	4	1	5
3.2	+0.9	4.5	2.11	+ 1.26	1.46		6	3	+ 1.3	3.9	+ 1.1	7	2	0	1														

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.)

STATION.	Height of bar. elevation above mean level in feet.	Pressure reduced to 32°F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure. millibars.		Relative humidity %				
		Mean 9 hrs. I. S. T.		Departure from normal: Mean 18 hrs. I. S. T.		Mean 9 hrs.		Departure from normal: Highest, Date.		Mean 18 hrs.		Departure from normal: Lowest, Date.		Mean 9 hrs. I. S. T.		Mean 18 hrs. I. S. T.		Mean 9 hrs. I. S. T.		Mean 18 hrs. I. S. T.				
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Konkan Dahanu	15	1012.6		1011.0	78.1		92	29	57.7		47	8	59.5	74.2	56.8	67.4	14.6		19.7	84		69		
Bombay	37	1012.1	- 1.3	1009.8	81.3	- 1.9	89	23	64.7	- 2.0	54	11	67.8	76.9	64.0	68.0	18.6	+ 0.3	19.3	80	+ 7	62		
Alibag	23	1012.9	- 0.9		80.8	- 1.8	89	28	61.8	- 1.7	52	11	64.5		60.9		16.7	+ 0.8		80	+ 12			
Harnai	66	1010.5		1008.1	79.6		87	24	68.1		60	11	70.3	77.3	64.8	70.5	18.5		22.3	73		71		
Ratnagiri	207	1005.7	- 1.1	1003.3	62.7	- 4.0	91	1	65.3	- 1.8	56	11	68.2	79.2	64.8	72.7	18.8	+ 2.8	24.5	80	+ 21	72		
Devgad		1008.8		1006.2	82.6		88	3	67.5		60	6	69.7	80.3	65.4	71.0	19.3		21.6	79		62		
Marmagao	202	1006.1	- 0.8	1003.2	81.7	- 4.2	86	28	68.7	- 1.6	62	7	72.2	80.1	67.3	71.4	20.6	+ 1.3	22.4	76	+ 7	64		
Honavar	85	1010.3		1007.0	87.6		95	29	66.9		61	7	70.0	82.7	66.0	72.7	20.1		22.9	61		60		
Bombay Deccan																								
Jalgaon	660	990.3		987.5	84.4		93	19	53.1		35	7	57.6	82.8	52.0	63.4	10.8		11.1	67		28		
Malegaon	1,432	984.1	- 2.1	969.6	83.7	- 2.5	90	1,18,19	50.2	- 2.2	36	7	54.3	82.0	47.2	60.4	7.9	- 1.1	8.3	55	0	23		
Ahmednagar	2,154	939.9	- 1.9	936.9	84.2	- 0.3	89	17,18	52.6	- 0.6	36	7	57.3	80.8	51.6	62.9	10.6	+ 0.8	11.8	66	+ 16	35		
Poona	1,834	950.7	- 1.6	947.4	85.2	- 1.3	93	1	52.0	- 1.0	39	7	55.1	81.8	53.4	63.0	13.2	+ 2.5	11.4	90	+ 21	33		
Sholapur	1,670	959.9	- 1.4	956.0	87.3	- 0.1	91	19,20,31	59.9	+ 0.6	40	7	63.4	85.7	55.2	67.5	11.4	+ 0.5	15.1	58	+ 7	38		
Miraj	1,817	961.0	- 2.1	917.2	86.1	- 0.1	91	30	55.6	- 2.0	41	7	59.5	88.6	55.4	66.8	13.2	+ 0.7	15.0	77	+ 15	40		
Bijapur	1,950	946.8	- 1.6	943.9	86.2	0	90	8,18	60.8	+ 0.6	45	7	64.2	84.4	57.4	63.5	13.0	- 0.3	10.9	66	+ 3	29		
Belgaum	2,562	926.5	- 1.4	923.7	82.5	- 1.4	87	30	55.7	- 2.0	45	7	59.0	79.6	55.8	62.5	13.8	+ 1.3	11.9	82	+ 17	68		
Gadag	2,131	940.6	- 1.7	937.2	86.7	+ 1.4	90	20	62.3	+ 0.8	53	7	66.5	84.1	59.6	65.5	14.3	+ 0.4	13.4	67	+ 2	35		
Hyderabad, North																								
Aurangabad	1,905	948.6	- 1.9	945.5	83.2	- 1.5	90	19	56.5	- 0.2	39	7	60.6	80.8	53.9	63.1	11.3	+ 1.7	12.2	64	+ 14	35		
Parbhani	1,850	965.8		962.1	84.3		99	18,19	54.8		40	6,7,8	57.8	83.1	54.5	69.3	12.9		18.1	79		48		
Bidar	2,178	938.8		936.0	83.1	- 0.6	87	18	61.4	+ 0.5	50	6,7	64.0	81.3	55.3	63.8	14.1	- 0.1	12.6	70	+ 7	37		
Nizamabad	1,250	970.3	- 2.0	966.7	83.8	- 2.4	89	31	60.2	+ 2.6	43	7	64.0	82.3	58.6	64.3	14.3	+ 0.4	11.9	71	+ 5	31		
Peddapalli	755	985.7			84.4		90	31	61.4		47	7	67.3		62.8							77		
Hyderabad, South																								
Gulbarga	1,503	961.8	- 1.9	958.0	87.4	+ 0.1	91	21	61.7	+ 1.7	47	8	67.6	85.3	59.3	66.0	13.5	+ 1.1	13.3	61	+ 2	34		
Raichur	1,311	968.3	- 1.8	964.6	87.2	+ 0.4	91	21	65.7	+ 1.0	57	7	68.4	85.6	60.9	65.4	14.9	- 1.1	12.3	63	- 4	29		
Hyderabad(Begumpet)	1,778	982.9	- 1.6	949.4	86.3	+ 0.0	90	31	59.4	+ 0.7	44	7	63.3	81.4	60.4	67.1	16.5	+ 0.9	16.3	85	+ 7	46		
Hanamkonda	881	983.5	- 2.2	980.1	84.3	- 0.7	89	31	62.5	+ 0.6	48	7	65.6	83.0	62.2	65.9	17.5	0	14.1	81	+ 5	37		
Khammameth	367	1001.5		997.5	87.3		90	6 days	61.9		51	7,8	66.4	85.4	62.9	68.6	18.0		16.2	81		40		
Mysore																								
Chitradurg	2,405	931.6	- 1.3	928.2	84.3	- 0.5	87	2,19	63.3	+ 0.7	58	1,7	66.3	82.8	60.1	64.2	15.0	- 0.2	13.0	70	+ 5	34		
Hassan	3,149	908.2		904.6	82.2	- 0.6	87	31	58.4	+ 1.4	63	1	63.6	79.5	60.1	64.7	16.2	+ 0.5	14.8	82	+ 7	43		
Bangalore	3,021	912.1	- 0.9	908.7	81.3	+ 1.0	84	2	59.2	+ 1.9	53	27	63.3	78.5	59.9	61.3	15.9	- 0.1	10.8	82	+ 1	35		
Mysore	2,618	928.2	- 1.1	924.5	82.8	- 1.4	85	4 days	61.0	+ 0.2	55	1,28	63.8	82.1	60.9	63.0	16.9	+ 0.4	11.4	85	+ 11	32		
Malabar																								
Mangalore	72	1010.8	- 0.9	1007.3	86.8	- 2.8	92	17,28	70.7	+ 0.1	67	28	72.7	82.7	69.0	73.1	22.6	+ 2.2	23.5	82	+ 11	61		
Calicut	27	1011.7	- 0.7	1007.9	89.3	+ 1.4	92	2	71.2	+ 0.3	67	28	74.5	87.0	70.4	77.5	23.6	+ 0.7	27.9	81	0	64		
Palghat	319	1002.0		997.6	91.5		94	3	70.8		62	1	73.7	89.0	67.7	70.3	20.5		16.9	72		35		
Cochin	10	1012.2	- 0.6	1008.4	86.4	- 0.5	91	27	72.5	- 1.0	69	7	74.6	84.3	69.7	74.8	22.5	+ 0.6	25.1	77	+ 4	63		
Alleppey	12	1012.0		1008.5	89.1		94	15	72.2		67	27	76.7	85.0	72.9	77.0	25.8		28.0	83		68		
Trivandrum	200	1005.0	- 0.7	1001.6	88.1		94	19	71.1		68	1,2,7	73.8	84.6	70.1	74.4	23.6	+ 0.1	24.5	82	+ 2	60		
Madras, Southeast																								
Pamban	37	1012.3	0.3	1009.2	82.3	- 0.3	84	24,26,27	74.8	+ 0.3	73.8,21,24	78.1	79.0	74.1	74.8	26.9	0	27.6	82	- 4	61			
Madura	437	998.4	- 1.0	994.8	86.7	+ 0.9	91	7	68.4	0.65	1,27	72.4	84.8	68.2	70.6	21.7	- 0.5	19.2	80	- 2	47			
Negapatam	31	1012.6	- 0.9	1009.5	81.7	- 0.6	85	7	71.8	0.67	27	74.5	79.3	70.5	72.3	23.7	- 0.8	23.9	81	- 1	70			
Trichinopoly	255	1004.0	- 2.1	1000.0	86.8	- 1.0	89	7,8	67.5	- 0.7	68	26	72.4	84.4	69.0	70.4	2							

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.				
Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.								18 hrs. I. S. T.								STATION.				
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52			
1.6	1.5	0.53		0.35	9	2		7.7			1	6	14	9	0	0	0	0	1	17	1	0	0	0	0	5	S	0	53		
1.3	- 0.3	0.9	0.82	+ 0.68	0.64	5	2	+ 1.8	5.2	- 1.4	5	12	9	4	0	1	0	0	0	8	0	0	0	2	1	3	17	0	Konkan		
2.5	+ 0.6	0.60	+ 0.55	0.36	5	2	+ 1.8	2.9	- 1.7	1	4	6	3	0	0	0	0	0	17										Dahanu		
4.1	2.2	0.40		0.34	5	1		9.1			7	14	7	0	0	0	0	2	1	0	0	0	0	0	0	3	7	20	1		
2.1	+ 1.2	1.0	0.02	- 0.06	0.02	6	0	- 0.1	6.6	+ 0.8	6	11	13	0	0	0	0	0	1	1	0	0	0	0	0	5	13	12	0		
3.6	2.5	0.25		0.25	6	1					8	15	8	0	0	0	0	0	0	0	0	0	0	0	0	1	3	11	16	0	
2.4	+ 0.5	2.3	0.03	+ 0.03	0.03	6	0	0	7.1	+ 1.5	3	8	15	4	0	0	0	1	0	4	0	0	0	0	0	2	12	13	0		
3.5	2.8	0.01	- 0.04	0.01	6	0	- 0.1	3.0			0	0	21	9	0	0	0	1	0	0	0	0	0	0	0	0	0	16	15	0	
1.9	2.1	0.80	- 0.04	0.22	5	1	+ 0.4				0	0	26	0	0	0	1	0	4	0	1	25	1	0	0	1	1	1	2	Bombay Deccan	
1.8	0	2.5	0	- 0.17	0	0	- 0.3	3.8	+ 0.2		2	1	0	0	0	0	17	2	9	1	7	0	3	2	7	7	2	2	Jalgaon		
1.3	- 0.3	2.4	0.17	- 0.04	0.11	6	1	+ 0.6	2.3	- 1.4	0	0	0	0	0	0	0	0	31	0	2	0	1	0	14	0	6	8	Ahmednagar		
1.9	+ 0.2	1.5	0.29	+ 0.23	0.15	5	2	+ 1.8	2.3	- 1.4	0	1	0	0	0	0	9	1	0	20	0	0	3	1	0	3	18	3	Poona		
2.4	+ 0.8	4.6	0.09	- 0.06	0.09	15	0	- 0.3	4.8	- 0.9	1	3	2	13	3	0	0	5	4	2	0	0	7	2	8	2	5	5	Sholapur		
1.5	- 0.6	2.1	0.06	+ 0.05	0.06	6	0	- 0.1	4.3	- 0.1	2	3	1	0	0	0	1	4	20	0	0	2	1	3	5	9	4	Miraj			
3.0	+ 1.1	3.4	0	- 0.18	0	0	- 0.2	2.7	- 0.1	4	0	1	1	13	3	3	6	0	0	5	1	7	2	3	6	3	4	4	Bijapur		
1.0	- 0.9	1.5	0	- 0.12	0	0	- 0.2	3.3	+ 0.5	0	2	10	0	0	13	5	1	0	1	1	7	0	1	18	3	0	0	0	Belgaum		
1.2	+ 1.5	4.1	0	- 0.17	0	0	- 0.2	4.4	- 0.2	0	6	7	2	0	2	2	0	12	0	9	11	3	0	3	5	0	0	Gadag			
1.5	- 0.5	1.0	0.30	+ 0.01	0.12	5,6	2	+ 1.5	5.9	+ 1.3	1	9	11	4	0	0	3	1	2	1	1	3	4	5	1	13	2	1	Hyderabad, North		
1.8	3.6	0.12	- 0.24	0.10	15	1	+ 0.3			2	6	1	5	1	7	4	5	0	3	6	2	2	1	8	5	4	0	0	Parbhani		
1.4	- 0.2	3.8	0	- 0.22	0	0	- 0.5	6.9	+ 0.5	1	2	5	6	5	7	3	2	0	2	1	5	5	6	6	4	2	0	0	Bidar		
1.2	+ 0.4	2.9	0.06	- 0.14	0.06	6	0	- 0.4	3.5	+ 1.4	1	6	2	3	0	1	1	4	13	3	9	3	2	6	2	2	1	3	Nizamabad		
1.1		0.25		0.25	21	1				2	6	1	12	3	6	0	1	0										Peddapalli			
1.5	- 1.1	1.7	0	- 0.21	0	0	- 0.3	5.5	+ 0.8	4	6	3	1	5	2	1	1	5	2	2	4	6	6	7	2	2	0	0	Hyderabad, South		
1.8	+ 0.9	3.1	0	- 0.13	0	0	- 0.2	5.9	+ 0.5	0	0	3	16	3	7	0	2	0	0	4	4	14	3	0	0	1	0	0	Gulbarga		
1.1	+ 0.3	2.6	0	- 0.31	0	0	- 0.5	5.3	+ 2.1	2	9	8	0	3	0	1	6	1	2	14	4	2	4	2	1	1	1	Hyderabad(Begumpet)			
1.4	- 0.9	2.1	0	- 0.10	0	0	- 0.7	5.5	+ 1.9	1	1	0	10	14	1	0	0	4	6	3	2	6	9	1	0	2	2	Hanamkonda			
1.6	2.9	0			0	0		4.2			6	1	5	6	1	0	0	0	12	3	1	3	15	2	1	1	1	Khammameth			
1.5	+ 1.8	4.3	0.01	- 0.24	0.01	7	0	- 0.3	3.9	- 0.7	0	0	2	8	1	5	3	1	11	1	3	13	3	0	1	4	0	6	Mysore		
1.5	+ 0.4	3.9	0	- 0.17	0	0	- 0.3	3.1	0	0	3	6	8	0	2	6	2	4	0	4	14	4	0	6	2	1	0	0	Chitaldrug		
1.4	+ 0.7	4.6	0	- 0.24	0	0	- 0.5	5.8	+ 0.7	0	2	18	7	0	2	0	0	2	3	6	8	4	3	1	3	1	2	Hassan			
1.7	+ 1.3	4.2	0	- 0.14	0	0	- 0.3	5.1	- 0.8	0	8	5	1	2	3	1	0	11	3	13	8	1	1	1	1	2	1	1	Mysore		
1.2	+ 0.7	2.1	0.10	+ 0.29	0.40	6	1	+ 0.8	5.5	+ 1.9	0	5	25	0	0	0	0	0	1	4	0	0	0	0	1	8	18	0	Malabar		
1.4	+ 0.7	2.4	0	- 0.35	0	0	- 0.6	6.5	+ 1.3	1	6	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	15	0	Calicut	
1.2	3.6	0			0	0		5.6			0	0	22	6	0	0	0	0	3	0	4	13	7	0	1	2	2	2	Palghat		
1.7	+ 2.3	4.1	0	- 0.89	0	0	- 1.1	5.8	+ 1.7	0	12	18	1	0	0	0	0	0	0	0	0	0	0	0	0	7	17	7	0	Cochin	
1.8	3.7	0.01		0.01	24	0		4.9			0	3	12	11	0	0	0	0	5	1	0	0	0	0	0	2	14	14	0	Alleppey	
1.5	+ 0.2	3.3	0.85	+ 0.06	0.17	11	3	+ 1.3	3.7	+ 0.9	3	21	5	2	0	0	0	0	0	0	0	1	0	0	6	7	1	0	Trivandrum		
1.2	+ 1.1	4.0	0.34	- 2.25	0.17	9	2	- 2.0	8.7	- 1.1	11	14	4	0	1	0	0	1	0	12	17	0	2	0	0	0	0	0	0	0	Madras, Southeast
1.5	0	4.6	0.08	- 0.70	0.06	30	0	- 1.5	3.4	- 1.1	10	5	0	0	0	0	3	13	2	15	10	1	2	0	0	0	0	1	0	Madura	
8	- 2.6	3.6	1.42	- 1.31	1.35	29	1	- 2.0	9.9	+ 2.0	1	6	3	0	0	0	3	14	4	1	23	5	1	1	0	0	0	0	0	0	Negapatam
9	+ 1.3	4.7	0.01	- 0.98	0.01	29	0	- 1.7	5.0	+ 1.6	12	8	3	0	0	0	0	2	6	1	12	16	0	0	0	0	1	1	1	1	Trichinopoly
4	+ 0.1	4.1	0	- 0.63	0	0	- 1.1	0.2	- 2.4	0	0	0	0	0	0	0	0	31	0	1	2	1	0	1	0	0	26	Coimbatore			
7	- 0.4	4.3	0	- 0.29	0	0	- 0.7	5.5	+ 1.6	1	11	11	1	0	0	0	1	6	0	11	14	2	1	1	1	0	1	1	1	Salem	
5	+ 0.1	4.4	0.18	- 2.17	0.18	29	1	- 1.4	5.8	+ 1.3	1	2	1	0	0	0	4	22	1	0	14	13	3	0	0	0	0	1	1	1	Cuddalore
3	- 0.2	3.3	0	- 1.45	0	0	- 2.1	3.2	+ 0.8	0	1	1	1	0	0	0	0	28	0	9	12	7	3	0	0						

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.)

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 92°F and standard gravity, millibars.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %		
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Madras Coast, North Nellore	66	1012.2	-1.4	1008.6	86.6	+ 1.4	91	7	67.3	- 0.2	68	7, 15	70.2	82.4	67.8	71.4	22.1	-1.1	21.2	88	+ 1
Ongole (R)	...	1013.9	-2.0	1010.9	82.4	- 0.6	87	23	66.6	+ 0.6	57	7	69.9	79.9	67.1	70.9	21.3	-0.8	21.7	86	0
Masulipatam	10	1013.6	-1.8	1010.6	79.5	- 1.6	83	23	66.2	- 0.2	58	7	69.6	77.9	65.5	70.8	19.6	-0.6	22.5	80	+ 2
Cocanada	...	1010.3	-1.7	1007.1	80.8	+ 0.2	86	7	66.3	- 1.1	61	8	70.4	77.8	65.2	68.8	19.0	-0.7	19.9	74	0
Vizagapatam	126	1011.0	-2.2	1011.0	80.4	- 1.4	83	7 days	63.0	- 0.5	56	8	66.3	76.9	62.9	69.3	18.0	-1.2	21.1	82	-1
Calingapatam	19	1013.8	-2.2	1011.0	80.4	- 1.4	83	7 days	63.0	- 0.5	56	8	66.3	76.9	62.9	69.3	18.0	-1.2	21.1	82	-1
Hill Stations, ex- cluding Kashmir and Baluchistan																					
Shillong	4,921	850.9	-1.6	848.8	61.3	+ 1.2	67	6	37.7	- 1.1	30	8	52.7	52.8	45.6	49.7	7.7	-0.9	11.0	56	+ 1
Cherrapunji	4,309	870.4	-1.0	868.2	61.3	+ 1.0	64	4 days	46.5	+ 0.4	36	7, 8	55.4	54.3	48.3	50.7	8.8	-0.9	11.2	62	-4
Aijal	3,599	891.5	.	889.2	70.2	.	75	2	50.1	.	39	8	59.5	62.7	52.9	56.3	11.1	.	12.9	63	
Darjiling (R)	7,432																				
Kalimpong	3,965	880.5	-2.4	879.2	59.9	+ 5.0	67	20	43.1	- 3.1	33	8	50.5	53.6	47.2	49.7	9.5	-0.5	10.4	81	+ 1
Katmandu	4,398	869.8	.	867.6	60.3	- 4.3	71	1	36.9	+ 0.7	32	7	40.2	55.7	39.3	52.2	7.8	+1.0	11.9	92	+ 1
Muktesar	7,592	769.5	-3.4	768.4	44.4	- 5.4	59	19	32.4	- 3.1	21	6	36.5	39.5	30.8	34.5	4.1	-0.1	5.0	58	+ 1
Mussooree	6,940	795.9	.	795.0	51.2	+ 1.7	60	17, 18	35.4	- 1.5	27	2	39.7	43.6	33.7	38.9	4.4	-0.5	6.4	57	-
Simla	7,224	778.8	-2.8	778.1	43.5	- 4.0	57	18	32.1	- 3.3	13	11	26.1	39.1	31.3	34.2	4.3	+0.3	4.9	65	+ 1
Murree	7,113	782.0	-2.1	780.8	41.0	- 4.2	54	17, 18	28.0	- 2.7	12	12	31.0	36.6	25.9	34.0	4.7	+0.3	5.7	80	+ 1
Wana	4,456	861.1	.	859.8	48.9	- 4.4	62	18	26.4	- 0.4	16	11, 12	30.1	47.1	28.8	42.5	4.8	+0.3	7.5	86	+ 1
Cherat	4,272	869.6	-2.4	869.4	44.9	- 4.3	57	22	36.1	- 2.8	20	11	38.6	42.2	33.9	36.3	4.8	+0.3	4.9	65	+ 1
Parachinar	5,673	825.1	-2.5	823.5	46.6	- 3.2	65	17	25.4	- 3.2	11	11, 12	28.4	42.5	27.3	37.5	4.7	+0.2	5.9	90	+ 1
Drosh (R)	4,700																				
Abu	3,945	880.0	-3.0	879.2	62.6	- 3.3	71	21	44.9	- 5.8	35	10	48.0	58.1	42.4	49.6	7.0	+1.3	8.7	62	+ 1
Pachmarhi	3,528	895.5	-2.1	894.1	68.1	- 3.9	75	1, 17, 30	47.3	- 0.4	33	7	52.6	65.2	49.6	56.5	12.1	+2.6	17.9	81	+ 1
Mahabaleshwar	4,534	865.2	-0.1	861.7	71.5	- 2.9	78	1	53.7	- 8.4	43	6	57.1	66.6	49.6	56.6	9.1	-0.2	11.6	58	+ 1
Mercara	3,781	887.2	-0.5	885.4	77.0	- 0.1	80	16	56.2	- 1.0	52	5 days	62.6	73.9	58.3	63.1	14.7	-0.3	15.2	77	-
Ootacamund	7,364	780.4	-0.6	778.9	67.0	+ 1.1	74	1	39.5	- 3.5	34	10	44.5	61.2	40.9	53.7	7.4	-0.1	11.3	75	+ 1
Coonoor	5,730	828.1	.	826.8	67.1	+ 0.9	73	2, 18	46.7	- 0.3	39	4	54.9	49.4	9.3	-0.4	70	+ 1			
Kodaikanal	7,688	771.5	-0.4	770.3	62.9	+ 0.7	71	13, 14	46.9	+ 0.2	41	27	50.0	56.0	42.7	51.2	6.6	-1.1	11.0	57	-
Ceylon																					
Colombo	24	1011.8	0	1008.1	87.5	+ 0.6	92	16	70.0	- 1.9	64	26	72.1	83.3	68.9	73.8	22.8	-2.2	24.1	84	-
Trincomalee	24	1012.1	-0.4	1009.2	80.8	- 1.3	87	7	73.9	- 0.7	70	11	76.5	79.2	72.5	73.2	25.4	-0.9	25.2	81	-
Hambantota	61	1009.2	-0.8	1006.1	85.2	+ 0.5	88	24, 26	70.6	- 1.7	65	26	73.1	82.3	69.6	74.8	23.1	-1.7	26.0	83	-
Nuwara Eliya	6,170	814.7	-0.4	812.9	70.1	+ 2.8	75	6	43.1	- 4.3	32	20	49.9	62.5	46.9	56.5	11.1	-1.3	17.0	81	-
Afghanistan																					
Jalalabad	1,950	949.2	.	947.7	54.7	67	18, 20	36.8	29	10, 11, 12	40.6	52.8	38.4	49.0	7.0	.	10.1	85			
Kabul	5,955	820.3	.	819.2	30.5	- 6.7	43	24	12.3	- 6.9	5	12, 14	17.3	26.4	16.0	23.9	2.6	-0.2	3.5	80	+ 1
Kandahar	3,462	907.4	.	905.6	52.4	65	17, 18, 21	28.5	14	10	32.9	49.9	31.1	42.0	5.1	.	5.9	83			

(R)—Register not received.

a—Mean of 30 days.

b—Mean of 24 days.

c—Mean of 28 days.

d—Mean of 27 days.

e—Mean of 21 days.

f—Mean of 20 days.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION				
Mean 9 hrs. I.S.T.	Departure from normal.	Mean 18 hrs. I.S.T.	Total of the month.	Departure from normal.	Heavyest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.								18 hrs. I. S. T.								STATION				
24	25	26	27	28	29	30	31	32	33	34	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	STATION		
3.1	-1.1	3.1	0	-1.31	0		0	-1.4	3.0	+0.2	1	1	0	0	2	3	5	4	15	0	5	13	10	3	0	0	0	0	53		
1.6	-0.8	1.7	0	-0.20	0		0	-0.3	5.0	+1.1	17	8	0	1	1	1	0	2	1	1	1	1	7	13	8	0	0	1	0	Madras Coast, North	
1.8	-1.6	0.8	0.26	-0.02	0.26		6	1	+0.5	6.6	+1.1	11	10	0	0	0	0	0	5	5	0	5	5	20	0	0	1	0	Nellore		
2.9	-0.3	1.7	0.07	-0.36	0.07		7	0	-0.5	3.4	+0.5	6	2	0	1	0	0	5	1	16	0	6	18	3	3	0	1	0	Ongole (R)		
3.4	+1.0	3.6	0.02	-0.20	0.02		7	0	-0.6	7.5	+2.7	15	0	0	0	0	0	0	16	0	0	14	15	1	0	0	0	1	Masulipatam		
																												Cocanada			
																												Vizagapatam			
																												Calingapatam			
0.9	-1.0	6.5	2.13	+1.61	1.19		7	3	+1.9	1.6	+0.1	0	1	3	2	1	3	2	0	19	2	0	0	0	0	1	0	0	28		
1.9	-0.6	2.7	2.12	+1.37	1.32		7	2	+0.5	4.0	+0.5	0	10	8	2	4	1	2	0	4	1	3	1	2	2	11	2	0	9	Cherrapunji	
0.8	1.1	2.96	1.67				7	2		4.5		0	1	16	3	0	2	1	1	7	0	0	2	0	0	18	7	4	0	Aijal	
2.3	-0.9	3.4	1.93	+1.52	1.25		7	3	+2.1	6.5	-0.2	0	0	0	1	0	0	4	23	3	0	0	0	26	0	0	0	3	Darjiling (R)		
9.5	+3.3	4.3	3.93	+3.55	0.93		6	7	+6.2	0.9	-0.3	0	0	0	0	0	0	0	0	31	5	0	2	0	0	0	1	4	Kalimpong		
4.4	+0.5	5.3	9.71	+7.55	3.20		6	10	+6.4	7.5	+1.9	1	7	6	3	3	0	6	4	1	1	4	4	1	1	5	13	2	Katmandu		
5.2	+0.7	6.5	3.57	+0.86	1.57		6	8	+3.0	4.1	-0.3	2	2	2	8	7	3	1	2	4	2	1	4	6	9	4	0	3	Muktesar		
5.6	+0.9	6.3	8.30	+5.69	2.53		5	9	+4.2	2.9	-0.8	5	3	2	9	8	0	0	1	3	2	3	2	7	9	3	0	0	5	Mussooree	
5.7	+0.9	6.8	6.51	+2.72	2.14		24	8	+1.9	6.7	+3.0	1	4	7	10	1	0	3	1	2	0	2	9	13	0	1	1	0	3	Simla	
3.7	+0.8	4.0	1.25	-0.14	0.22		8	7	+4.0	2.1		1	1	2	1	2	2	4	1	17	0	0	4	6	10	4	1	1	5	Murree	
4.5	+0.4	5.3	3.90	+1.57	0.76		8	7	+3.5	12.8	+2.5	16	0	0	0	0	0	0	3	10	18	0	0	0	1	1	0	4	7	Cherat	
5.0	+0.9	5.7	2.47	+0.44	0.70		30	6	+1.4	2.9	+0.9	15	0	1	0	0	0	4	0	11	4	1	5	5	7	1	1	0	7	Parachinar	
2.1	0	2.9	1.27	+1.01	0.67		8	3	+2.4	3.3	-0.2	4	0	0	0	8	1	1	1	21	8	1	0	0	4	6	4	2	6	Drosh (R)	
3.4	+1.0	8.7	4.03	+3.39	0.78		21	9	+7.7	2.6	+0.2	1	2	3	2	5	5	3	0	10	1	4	1	1	3	4	7	4	6	Abu	
3.1	+1.9	9.2	0.70	+0.56	0.37		6	9	+2.8	4.5	-1.4	0	3	0	12	1	10	0	5	0	0	1	0	5	0	14	0	11	0	Mahabaleshwar	
3.1	-1.2	3.5	0	-0.16	0		0	-0.3	4.6	+0.6	0	5	6	1	0	0	5	6	8	2	4	4	1	0	1	7	8	4	Mercara		
0.1	-2.6	8.9	0.03	-1.26	0.03		23	0	-1.8	1.0	-2.1	0	1	0	0	0	0	0	30	1	6	0	1	1	1	2	4	15	Ootacamund		
4.6	+0.5	1.20	-1.26	1.02			22	2	-0.7	4.3	+1.0	6	3	6	3	0	0	0	1	12	7	2	2	3	0	0	5	5	7	Coonoor	
4.0	+0.5	6.0	0.20	-2.99	0.18		29	1	-3.0	8.0	-0.6	6	3	2	3	4	2	2	5	4	7	2	2	3	0	0	5	5	7	Kodaikanal	
3.7	-1.4	3.5	0.01	-3.78	0.01		31	0	-5.3			3	21	5	0	0	0	0	2	9	1	0	0	0	0	4	17	0	Ceylon		
5.1	-0.3	4.5	0.60	-6.22	0.33		28	2	-6.1			11	5	2	2	5	1	2	2	1	20	9	2	0	0	0	0	0	0	0	Trincomalee
4.1	-0.2	5.1	0.10	-3.95	0.10		31	1	-5.0			22	8	0	0	0	0	0	1	0	1	5	12	5	4	4	0	0	0	0	Hambantota
2.1	-3.9	5.9	0.15	-6.45	0.11		31	1	-7.6																			Nuwara Eliya			
6.7	6.5	2.62	1.14	10	6				4.0		1	0	0	0	0	0	9	15	6	4	2	1	0	0	0	1	15	8	Afghanistan		
5.6	+1.0	5.7	3.15	+1.86	0.58		8	9	+5.9	7.5	+4.0	1	0	0	0	9	11	4	2	4	2	2	0	2	10	8	0	1	6	Jalalabad	
5.1	5.2	1.77		0.62	29	5			3.6		3	4	8	7	0	2	0	1	6	0	5	4	10	2	1	6	2	1	Kabul		
																												Kandahar			

(R)—Register not received

Mean of 20 days.

I—Mean of 19 days.

TABLE III—ABSTRACT OF OBSERVATIONS RECORDED AT

STATION.	Height of bar. distant above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %						
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
Iran																										
Charbar	... 25	1016.3		1014.0					58.1	- 0.5	50	9, 10	61.4	71.0	57.1	63.5	13.9	- 0.7	16.6	75	+ 3	64				
Jask	... 13	1016.1		1014.9	71.4	- 3.1	77	4	59.6	- 0.9	52	8	62.6	70.1	57.0	61.5	13.4	- 1.2	14.8	68	- 3	60				
Bandar Abbas (R)	... 29								62.4	- 1.6	70	1	48.3	- 3.4	40	26, 27, 28	54.4	61.2	58.0	57.7	13.0	+ 0.5	14.7	88	+ 5	80
Bushire	... 14								45.8	+ 0.7	62	26	23.9	+ 1.3	9	12	29.8	41.4	28.3	36.9	4.7	+ 0.3	5.7	83	- 3	68
Ispahan (R)	... 5,817								34.7	+ 1.1	21	13	39.5	55.4	36.2	45.3	5.8	- 0.2	6.1	72	- 1	44				
Meshed	... 3,104	899.7		897.2																						
Seistan	...	962.8		960.0																						
Arabia																										
Bahrain	... 12	1017.6		1016.0	65.9	- 1.7	77	21	57.8	+ 1.1	49	28	60.0	64.7	57.1	59.5	14.6	+ 0.1	15.1	83	0	73				
Muscat	... 15	1015.4		1014.3	71.3	- 4.0	76	22	63.8	- 2.8	60	10, 11	67.0	70.5	57.7	59.8	12.0	- 4.4	12.8	53	- 19	51				
Sharjah	... 18	1016.8		1015.0	71.1	- 2.9	75	4 days	59.9	+ 0.2	48	30, 31	56.1	69.3	53.9	62.2	13.3	+ 1.0	15.9	86	+ 8	66				

(R)—Register not received.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 4TH CLASS STATIONS—JANUARY 1945

STATION.	Maximum temperature °F.				Minimum temperature °F.				Vapour pressure, millibars.				Relative Humidity %				Rainfall, inches.				Number of (0.10" or more).		Wind. Velocity in miles per hour.	
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean dry bulb tempe- rature 9 hrs. I. S. T. °F.	Mean wet bulb tempe- rature 9 hrs. I. S. T. °F.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.	Departure from normal.	Total of the month.	Mean cloud amount 9 hrs. I. S. T.	Departure from normal.	Heaviest fall in 94 hours.	Date.	Total in the month.	Departure from normal.	Resultant direction 9 hrs. I. S. T.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Assam																								
Lumding	... 76.7	+ 3.2	80	5 days	51.2	+ 4.0	45	30	52.0	51.0	12.3	- 1.0	93	0		1.71	+ 1.15	1.25		7	2	+ 0.6		
Bengal																								
Pabna	... 76.8	- 2.3	83	28	50.0	- 1.9	44	4 days	58.0	54.7	13.0	- 1.1	79	0		0.43	+ 0.03	0.43		7	1	+ 0.1		
Kashmir																								
Jammu	... 61.5	- 3.6	73	17	44.3	- 3.5	33	11	47.0	44.2	8.5	- 0.1	79	+ 8	5.5	4.48	+ 2.19	1.40		5	5	+ 1.6	N 27 W	
Kargil	... 19.3	- 7.9	29	1	2.1	- 7.9	- 10.15, 17, 18		5.3	3.5	1.2	- 1.0	57		5.3	0.90	- 0.42	0.20		4, 9	7	+ 3.2	S 66 E	
Mysore																								
Balehonnur	... 80.7	- 0.2	85	30	57.9	- 0.5	51	22	63.5	60.9	17.0	+ 1.9	85	+ 9		0	- 0.05	0		0	6	- 0.2		
Tibet																								
Yatung (Chumbi)	... 42.7	- 2.5	51	1, 30	14.4	- 5.2	4	7	21.6	20.4	3.5	- 0.4	85	+ 1	4.2	3.78	+ 3.22	1.60		7	6	+ 4.3		
Iran																								
Zahidan	... 53.4	- 0.2	66	7	31.6	+ 2.6	16	10	41.8	36.9	5.5	- 0.3	63	- 10	3.6	0.55	- 0.21	0.27		18	2	- 0.4	N 81 E 7.7	

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from												STATION.							
Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	4 hrs. G. M. T.						12 hrs. G. M. T.						STATION.							
94	95	96	27	28	29	30	31	32	33	34	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	STATION.	
4.0	+ 0.9	4.0	0	- 1.46	0		0	- 1.9			2	5	9	0	0	0	0	5	10	0	1	1	5	5	4	11	3	1	53	
4.8	+ 1.6	4.4	4.37	+ 3.20	0.97		14	6	+ 3.9	9.9	+ 1.8	4	12	7	0	0	1	1	6	0	1	0	7	1	5	10	7	0	Q	
2.9	- 0.8	2.6	7.10	+ 4.34	1.70		2	8	+ 3.2	6.7	- 0.8	25	0	0	1	1	0	0	1	3	24	0	0	0	2	0	0	5	0	Iran
5.1	- 0.4	3.9	0.76	- 0.35	0.30		18	3	+ 0.1	1.8	+ 0.2	1	0	0	0	1	0	1	2	26	0	0	0	0	0	0	1	5	25	Charbar
4.3	+ 0.9	3.1	0.36	- 0.13	0.32		29	1	- 1.7			0	0	0	0	0	0	0	6	25	0	0	0	0	0	0	0	6	25	Jask
4.7	+ 0.2	5.2	1.54	+ 1.15	0.90		17	3	+ 1.6	7.0	- 1.9	3	0	3	1	1	2	4	12	5	2	0	2	4	0	0	0	22	1	Bandar Abbas (R)
1.6	- 1.5	1.3	0.05	- 0.93	0.05		15	0	- 1.6	3.8	- 0.2	0	0	2	0	0	0	3	5	21	1	0	5	0	0	0	2	21	2	Bushire
8.3	- 0.8	4.2	1.54	+ 0.43	0.66		17	4	+ 2.0			0	1	8	19	3	1	2	2	1	4	3	1	2	0	2	11	8	0	Ispahan (R)
																												Seistan		
																												Arabia		
																												Bahrain		
																												Muscat		
																												Sharjah		

(R)—Register not received.

TABLE V.—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 5TH CLASS STATIONS—JANUARY 1945

DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0-10° or more).		DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0-10° or more).		
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.			Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	
Assam	Mawsynram	...						Baluchistan	Harnai	...	0.88	- 0.01	0.39	4	2	0
Bengal	Bankura	0.94	+ 0.36	0.78	6	2	+ 0.8	Rajputana, East...	Udaipur	...	0	- 0.20	0	0	- 0.4	
	Rajshahi	0.58	+ 0.13	0.56	7	1	0	Bombay Deccan ...	Khandala	...	0	- 0.10	0	0	- 0.1	
	Sirajganj	0.23	- 0.15	0.23	7	1	+ 0.2	Madras Southeast.	Palamcottah	...	0.09	- 1.62	0.09	29	0	- 2.7
	Rangpur	1.37	+ 1.03	0.92	7	2	+ 1.2	Madras Deccan ...	Anantapur	...	0	- 0.24	0	0	- 0.8	
Bihar	Cooch Behar	2.26	+ 2.00	1.88	7	2	+ 1.5	Sikkim	Lachung	...	6.24	+ 5.44	2.17	6	14	+ 11.1
	Muzaffarpur	2.33	+ 1.81	1.70	6	3	+ 1.9									
	Chapra	2.15	+ 1.58	1.18	6	4	+ 2.7									
	Arrah	5.17	+ 4.50	2.61	6	5	+ 3.7									
	Dehri	1.87	+ 1.19	1.42	6	3	+ 1.5									
United Provinces West.	Meerut	1.23	- 0.02	0.60	5	4	+ 1.5									
Punjab, East and North.	Dharampore	9.20	+ 6.43	3.05	13	7	+ 3.0									
	Kyelang	1.92	- 0.59	0.63	8	6	+ 0.8									
	Dalhousie	30.17	+ 13.58	9.60	12	4	- 3.4									
Kashmir	Sonamarg	3.23	- 7.07	0.41	9	10	- 1.9									
	Gurez	4.88	- 0.55	1.37	9	13	+ 3.3									

INDIA WEATHER REVIEW, 1945

Monthly Weather Report

February

Published by authority of the Government of India

Chief Features.—Weather was generally dry during the month and western disturbances were fewer and feebler than usual.

On the first day of the month, fairly widespread thundershowers fell in Assam, north Bengal, Bihar and Chota Nagpur, with isolated showers in the east Central Provinces and Kashmir. The rest of the first week was rainless.

During the second week two western disturbances affected northwest India. The first of these gave light precipitation in Kashmir and Baluchistan on the 8th. The second caused light precipitation in Kashmir on the 11th and 12th, and light showers in the southwest Punjab on the 12th. Assam and south Bengal also experienced local thundershowers on the 12th. On the 16th local thundershowers fell in Malabar, Calicut recording 5'9" of rain, quite an unusual amount for the season.

At the beginning of the third week the third western disturbance affected northwest India. This caused local precipitation in the extreme north between the 16th and 17th and scattered precipitation in Baluchistan on the 15th. The fourth western disturbance followed closely and caused widespread showers in Kashmir on the 24th with isolated showers on the two preceding days. In the wake of these two western disturbances, temperatures became markedly below normal in upper India on the 16th and 17th and between the 20th and 23rd. The low temperatures extended to the central parts of the country and Hyderabad on the 24th and 25th; the temperatures continued to be markedly below normal in northwest India, the central parts of the country and Hyderabad till the 27th.

The fifth and last western disturbance affected the North-West Frontier on the 25th. This was rather active and induced a low pressure area from Baluchistan to the Punjab and Rajputana. This disturbance was responsible for a few showers in Kashmir and the North-West Frontier between the 25th and 27th, in Baluchistan and the Punjab hills on the 27th and local showers in Kashmir, the North-West Frontier Province and the Punjab-United Provinces hills on the 28th. In the extreme south of the Peninsula, local thundershowers occurred on the 24th and a few showers on the 23rd, 25th and 26th.

The total rainfall of the month was in large excess in Bihar and Malabar, normal in Bengal, in slight defect in Assam and in moderate to large defect elsewhere. Averaged over the plains of India, the total rainfall was in defect by 65 per cent.

Maximum temperature was above normal in Sind and below it in Kashmir, while minimum temperature was generally below normal over the whole country outside the Peninsula.

The mean humidity was generally normal or in defect.

The mean cloud amount was above normal in the south Peninsula, and normal or below it elsewhere.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 31 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

N.B.—The Indian Standard Time used in this publication is 6 Hrs. 30 Mins. in advance of G. M. T.

Poona No. 5: }
The 5th June 1945. }

K. R. RAMANATHAN,
for Director-General of Observatories.

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS—FEBRUARY 1945

	RAINFALL.				DEPARTURE FROM NORMAL OF					RAINFALL.				DEPARTURE FROM NORMAL OF					
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	9 hrs. I. S. T.	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	9 hrs. I. S. T.	
1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Division	"	"	"	"	°	°	mb.	%		Division—contd.	"	"	"	"	°	°	mb.	%	
1. Assam	... 1.19	1.45	- 0.26	- 18	- 0.4	- 2.3	- 2.1	- 1	- 0.4	9. Rajputana	... 0	0.31	- 0.31	- 100	+ 0.3	- 3.0	- 1.8	- 4	- 1.5
2. Bengal	... 0.90	0.98	- 0.08	- 8	+ 0.1	- 2.3	- 1.8	- 5	- 0.6	10. Bombay	... 0	0.10	- 0.10	- 100	+ 0.6	- 1.2	- 1.2	0	- 0.6
3. Orissa	... 0.24	1.05	- 0.81	- 77	+ 0.8	- 1.5	- 1.4	- 2	- 0.8	11. Central India	... 0.02	0.43	- 0.41	- 95	+ 0.2	- 3.7	- 2.6	- 4	- 1.4
4. Bihar	... 1.08	0.99	+ 0.09	+ 9	- 0.2	- 2.6	- 2.2	- 5	- 1.2	12. Central Provinces and Berar.	0.05	0.70	- 0.65	- 93	+ 0.2	- 2.3	- 2.1	- 4	- 0.9
5. United Provinces	0	0.85	- 0.85	- 100	+ 0.5	- 2.9	- 2.1	- 6	- 0.6	13. Hyderabad	... 0	0.37	- 0.37	- 100	+ 0.3	- 0.6	- 1.9	- 3	- 0.2
6. Punjab	... 0	0.87	- 0.87	- 100	+ 1.1	- 3.5	- 2.0	- 4	- 0.7	14. Mysore	... 0	0.18	- 0.18	- 100	+ 0.9	+ 1.5	+ 0.2	+ 1	+ 2.1
7. North-West Frontier Province	0.01	1.23	- 1.22	- 99	+ 1.2	- 3.7	- 2.2	- 20	- 1.1	15. Madras	... 0.42	0.50	- 0.08	- 16	+ 0.2	+ 0.6	- 0.2	+ 1	+ 1.1
8. Sind	... 0	0.33	- 0.33	- 100	+ 2.5	- 1.6	0	+ 4	- 1.1	Mean of India	... 0.22	0.62	- 0.40	- 65	+ 0.5	- 2.0	- 1.6	- 3	- 0.6
Sub-division										Sub-division—contd.									
1. Bay Islands	...									18. Central India, West.	0	0.16	- 0.16	- 100	- 0.8	- 2.9	- 2.1	- 1	- 1.3
2. Assam	... 1.19	1.45	- 0.26	- 18	- 0.4	- 2.8	- 2.1	- 1	- 0.4	19. Do. do. East.	0.04	0.78	- 0.74	- 95	+ 1.5	- 4.7	- 3.4	- 9	- 1.6
3. Bengal	... 0.90	0.98	- 0.08	- 8	+ 0.1	- 2.3	- 1.8	- 5	- 0.6	20. Berar	0	0.37	- 0.37	- 100	- 0.2	- 2.1	- 2.5	- 6	- 1.2
4. Orissa	... 0.24	1.05	- 0.61	- 77	+ 0.8	- 1.5	- 1.4	- 2	- 0.8	21. Central Provinces, West.	0	0.54	- 0.54	- 100	+ 0.4	- 2.6	- 2.5	- 5	- 1.3
5. Chota Nagpur	... 0.77	1.63	- 0.86	- 53	+ 0.5	- 2.5	- 1.9	- 5	- 1.6	22. Do. do. East.	0.13	1.02	- 0.89	- 87	+ 0.2	- 2.0	- 1.5	- 1	- 0.4
6. Bihar	... 1.21	0.74	+ 0.47	+ 64	- 0.7	- 2.7	- 2.2	- 5	- 1.0	23. Konkan	0	0.05	- 0.05	- 100	+ 1.4	- 0.3	+ 0.7	+ 6	0
7. United Provinces, East	0	0.73	- 0.73	- 100	+ 0.6	- 2.7	- 2.3	- 6	- 0.7	24. Bombay Deccan	0	0.09	- 0.09	- 100	+ 0.8	- 1.1	- 1.6	- 1	+ 0.1
8. Do. do. West.	0	1.03	- 1.03	- 100	+ 0.8	- 3.0	- 1.8	- 5	- 0.6	25. Hyderabad, North	0	0.37	- 0.37	- 100	+ 0.3	- 0.1	- 2.0	- 4	- 0.1
9. Punjab, East and North.	0	1.34	- 1.34	- 100	+ 0.7	- 3.0	- 2.1	- 7	- 0.5	26. Do. South	0	0.37	- 0.37	- 100	+ 0.2	- 0.9	- 1.8	- 3	0
10. Do. Southwest.	0.01	0.49	- 0.48	- 98	+ 1.4	- 3.9	- 1.9	- 2	- 0.8	27. Mysore	0	0.18	- 0.18	- 100	+ 0.9	+ 1.5	+ 0.2	+ 1	+ 2.1
11. Kashmir	... 1.88	2.63	- 0.75	- 29	- 4.4	- 5.3	- 0.9	- 7	- 1.4	28. Malabar	... 1.96	0.45	+ 1.61	+ 336	+ 0.4	+ 0.8	+ 1.2	+ 3	+ 2.1
12. North-West Frontier Province.	0.01	1.23	- 1.22	- 99	+ 1.2	- 3.7	- 2.2	- 20	- 1.1	29. Madras, Southeast	0.23	0.61	- 0.38	- 62	0	+ 1.2	+ 0.1	+ 2	+ 1.4
13. Baluchistan	... 0.09	1.10	- 1.01	- 92	+ 1.5	- 2.3	- 1.4	- 8	- 1.1	30. Do. Deccan	0	0.28	- 0.28	- 100	+ 1.1	- 0.6	- 2.5	- 6	+ 0.5
14. Sind	... 0	0.33	- 0.33	- 100	+ 2.5	- 1.6	0	+ 4	- 1.1	31. Do. Coast, North	0	0.53	- 0.53	- 100	- 0.3	+ 0.5	+ 0.1	+ 3	+ 0.3
15. Rajputana, West.	0	0.42	- 0.42	- 100	+ 0.5	- 3.3	- 2.3	- 9	- 1.7										
16. Rajputana, East.	0	0.20	- 0.20	- 100	+ 0.2	- 2.8	- 1.4	- 1	- 1.3										
17. Gujarat	... 0	0.11	- 0.11	- 100	+ 0.3	- 1.5	- 1.4	- 1	- 1.2										

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of bar. eastern sea above mean sea level in feet.	Pressure reduced to 32° F and standard gravity, millibars.				Maximum temperature °F.			Minimum temperature °F.			Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.			Relative humidity %			
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean	Departure from normal.	Highest.	Date.	Mean	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Bay Islands Port Blair	261																					
Assam Dibrugarh	948	1001.2	- 2.8	997.8	71.7	- 1.3	80	21	52.3	- 2.4	46	25	57.9	64.6	55.3	58.8	13.8	- 1.8	14.2	84	- 4	
Sibsagar (R)	317																					
Tezpur	258	1003.9	- 3.4	999.8	76.4	0	82	21, 28	52.1	- 3.9	46	17	50.1	70.2	55.9	60.8	13.9	- 1.5	13.9	81	- 3	
Gauhati	182	1006.0	- 3.0	1001.7	79.5	+ 1.5	83	4 days	50.5	- 3.3	44	16	58.5	74.2	54.7	59.8	12.8	- 2.4	11.0	77	- 5	
Dhubri	115	1008.4	- 3.0	1005.0	76.1	- 0.9	84	28	53.4	- 2.8	48	16, 17	58.6	71.4	54.7	59.1	12.8	- 2.2	11.5	77	- 2	
Silchar	96	1009.1	- 3.4	1005.3	78.9	- 1.7	88	21, 26, 27	52.9	- 2.8	47	17	58.1	75.3	55.2	60.9	13.5	- 2.9	11.7	82	+ 2	
Srinangal	69	1009.9	- 2.8	1006.3	80.8	- 1.9	86	28	49.4	- 2.5	40	16, 17	59.5	74.8	57.0	61.7	14.7	- 0.8	12.9	85	+ 4	
Bengal																						
Cox's Bazar	98	1011.8	- 2.0	1008.1	81.2	- 0.9	88	20	59.0	- 0.5	51	6, 4	71.9	74.6	64.3	66.1	17.2	- 1.1	18.1	65	- 9	
Chittagong	87	1009.8	- 3.0	1006.8	81.0	- 1.3	88	2	58.3	- 0.4	49	4	65.8	74.8	60.3	64.7	15.4	- 1.7	16.8	71	- 5	
Nonkholi	22	1011.5	- 2.8	1008.2	81.8	+ 0.2	87	2	61.2	- 0.7	52	4	67.2	78.7	68.2	65.9	18.0	- 0.5	15.9	79	+ 1	
Comilla	29	1011.2	- 3.0	1007.6	82.1	- 0.1	86	2, 11	55.8	- 1.7	43	4	62.9	79.5	59.1	63.1	15.3	- 2.1	12.2	79	+ 3	
Brahmanbaria	92	1011.3		1007.7	81.2	- 1.5	85	18, 28	55.0	- 0.2	49	16	63.8	77.4	59.5	65.2	15.6	- 0.2	15.5	79	+ 8	
Narayanganj	26	1011.1	- 3.0	1007.6	81.9	+ 0.2	87	28	53.0	- 1.0	51	4	64.9	78.2	59.4	63.2	14.8	- 1.9	13.0	70	- 6	
Mymensingh	62	1010.5	- 2.6	1006.9	80.2	+ 0.6	85	18, 14	53.1	- 3.6	47	16, 17	61.5	76.9	56.0	60.8	12.8	- 2.6	11.0	69	- 9	
Faridpur	27	1011.8	- 2.5	1007.5	79.8	- 0.3	85	8	52.6	- 3.6	45	5, 16, 25	65.1	76.3	60.1	63.7	15.5	- 1.1	14.5	72	- 8	
Barisal	11	1011.5	- 2.9	1008.2	82.3	+ 0.4	87	28	59.3	+ 0.8	50	4	66.9	78.1	62.1	64.4	16.8	- 1.6	14.6	75	- 3	
Khulna	16	1012.0	- 2.5	1008.4	84.1	+ 1.1	90	28	58.0	- 1.8	46	4	67.4	78.2	61.7	63.7	16.3	- 0.5	13.6	72	0	
Jessore	26	1011.1	- 3.2	1007.3	84.4	+ 2.6	90	28	51.4	- 4.1	42	4	62.9	80.8	59.5	64.5	16.0	- 0.6	13.5	84	+ 7	
Satkhira	16	1011.6	- 2.7	1008.1	84.4	- 0.1	91	28	56.0	- 2.3	46	4	65.7	80.4	61.3	65.2	16.5	- 0.8	14.4	77	- 3	
Dum Dum (R)	33																					
Calcutta	21	1011.6	- 2.7	1007.7	84.7	+ 1.0	92	14, 28	58.9	- 0.5	49	5	64.0	79.8	60.1	63.3	15.9	- 1.1	12.4	79	- 3	
Saugor Island	10	1011.5	- 3.0	1008.5	80.9	+ 0.3	87	13	63.8	- 0.8	54	4	71.3	76.5	65.5	66.8	18.7	- 2.0	18.1	72	- 9	
Sandheads	28	1011.0	- 3.1	1008.5																		
Midnapore	149	1007.0	- 2.8	1008.0	85.6	+ 0.2	91	28	58.4	- 2.8	49	4	66.6	83.0	58.3	62.4	12.8	- 2.5	10.0	58	- 9	
Burdwan	106	1008.9	- 2.5	1005.1	83.3	0	91	28	56.6	- 1.9	49	4	63.1	80.7	56.6	60.9	12.7	- 2.0	9.2	65	- 5	
Krishnagar	48	1010.6	- 2.9	1007.0	84.1	+ 1.4	91	28	52.8	- 2.9	45	4, 5, 16	63.2	78.5	57.3	62.3	13.3	- 1.9	11.9	68	- 8	
Asansol	414	997.7	- 2.6	994.1	82.4	+ 0.1	90	28	54.2	- 2.7	49	4, 5, 15	62.6	79.0	58.9	63.9	10.4	- 3.0	8.0	51	- 12	
Berhampore	62	1010.1	- 2.9	1006.4	82.1	+ 0.6	89	23	52.5	- 1.0	47	3, 4	62.8	77.7	55.6	59.8	11.9	- 2.7	9.5	61	- 12	
Bogra	63	1009.5	- 3.2	1006.1	80.8	+ 0.5	86	23	50.5	- 4.4	43	16	59.5	76.7	54.5	59.6	12.2	- 2.4	9.9	70	- 6	
Malda	103	1008.5	- 3.2	1005.2	78.8	- 0.5	86	28	51.2	- 2.9	46	17, 25	61.3	75.5	58.9	68.4	10.8	- 3.3	9.0	59	- 15	
Dinajpur	123	1007.8	- 2.4	1004.2	78.3	- 1.0	85	28	50.0	- 3.3	42	16	57.3	75.9	52.7	59.3	11.6	- 2.3	9.8	72	- 5	
Jalpaiguri	271	1002.4	- 3.1	998.8	75.8	- 1.6	83	28	49.7	- 4.1	45	11, 15	62.3	73.3	50.7	58.8	11.7	- 2.7	10.4	85	+ 2	
Orissa																						
Balasore	65	1009.7	- 3.1	1006.0	85.8	+ 0.5	93	11	60.6	- 1.0	53	4, 5	66.8	79.2	60.3	65.7	14.9	- 2.3	15.5	67	- 5	
Chandballi	20	1011.5	- 2.6	1008.1	86.1	+ 1.0	96	28	61.9	- 1.8	55	3, 4, 5	67.9	80.5	63.7	66.8	18.4	- 1.7	16.3	78	- 2	
Puri	20	1011.5	- 2.5	1008.2	83.6	+ 0.7	91	15	68.5	- 0.6	60	3, 4, 5	72.6	78.8	67.3	71.6	20.4	- 1.9	23.3	74	- 5	
Gopalpur	56	1010.2	- 2.5	1007.0	84.3	+ 0.3	89	15	66.5	- 0.7	58	4	72.9	79.5	67.2	72.4	20.3	- 0.4	24.0	73	- 3	
Cuttack	87	1009.7	- 2.3	1005.8	89.6	+ 1.4	98	28	63.2	- 1.6	56	3, 5	69.3	86.9	64.2	66.6	18.2	- 1.3	18.0	74	- 5	
Angul	455	996.3	- 2.4	992.5	87.2	+ 0.4	96	28	59.6	- 1.7	50	4, 5	65.3	84.8	59.5	63.7	14.7	- 1.6	10.6	70	0	
Sambalpur	486	991.9	- 3.0	991.3	87.4	+ 1.1	95	28	56.1	- 3.3	43	5	63.0	85.3	58.5	67.8	14.7	- 0.5	15.3	75	+ 7	
Chota Nagpur Jamshedpur	423	997.8	- 2.3	994.0	84.8	+ 1.5	94	28	55.8	- 2.4	48	5	61.0	82.2	55.5	61.7	12.6	- 2.2	9.5	70	- 5	
Qhaibasa	742	986.6	- 2.3	982.3	85.1	+ 1.3	93	28	55.6	- 1.8	48	4	60.8	80.6	56.7	65.5	13.9	- 0.8	14.7	77	+ 3	
Ranchi	2,150	987.7	- 2.9	985.4	78.3	+ 1.4	69	28	52.6	- 2.4	44	3, 5	60.1	74.7	50.7	75.0	8.5	- 2.0	8.4	51	- 6	
Hazaribagh	2,006	942.8	- 2.5	930.4	75.1	- 2.0	87	28	50.9	- 3.3	41	3, 4	57.9	71.1	49.8	65.4	7.9	- 2.5	7.0	51	- 12	
Daltonganj (R)	725																					
Dhanbad	889	982.8			80.1		90	28	54.6		47	5	61.5		52.6		9.5		52			
Bihar																						
Purnea	124	1007.5	- 3.2	1004.0	77.9	- 1.0	85	28	48.5	- 3.1	41	16	56.9	74.3	51.8	57.9	10.9	- 2.7	8.9	69	- 10	
Darbhanga	161	1006.1	- 3.2	1003.0	76.5	- 1.4	84	28	49.4	- 3.5	42	16	54.8	75.0	50.6	60.4	10.8	- 3.2	11.4	73	- 3	
Motihari (R)	218																					
Patna	173	1005.3	- 3.3	1003.0	77.2	- 0.6	84	28	52.6	- 2.2	46	4, 16	58.7	74.7	51.3	58.1	9.5	- 3.3	9.1	58	- 8	
Dehri	852	999.4			996.5	78.7		89	28	54.3		48	16	59.3	74.9	53.1	59.3	11.1		10.8	65	
Gaya	865	999.2	- 3.0	996.5	78.2	- 1.3	86	28	51.9	- 1.0	46	8, 16	59.0	76.1	52.2	58.2	10.2	- 1.2	8.5	61	- 2	
Naya Dumka	489	995.2	- 2.7	991.8	81.5	+ 1.0	90	28	52.6	- 3.1	47	4, 5	68.0	78.0	55.4	60.9	11.6	- 1.6	10.6	60	- 2	
Sabour	122	1007.5	- 2.9	1004.3	77.5	- 0.7	87	28	47.9	- 3.6	41	16	55.0	74.0	55.6	66.4	13.2	- 1.0	18.8	79	- 3	

(R) - Register not received.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10 or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.		
Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9-hrs. I. S. T.								18 hrs. I. S. T.								53		
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	53
6.7	+ 1.2	6.7	2.47	+ 0.03	0.99	8	4	- 2.2	1.8	+ 0.8	3	9	10	0	1	1	0	0	4	5	8	4	0	0	0	1	0	10	53
2.0	- 1.8	3.1	0.79	- 0.29	0.62	2	1	- 1.7	2.1	- 0.2	0	1	11	1	0	0	0	0	12	1	4	2	0	0	0	3	1	17	53
2.2	- 1.2	3.3	0.52	- 0.65	0.52	2	1	- 1.6	2.4	+ 0.9	2	9	5	5	5	0	0	0	2	6	5	3	0	0	1	8	4	1	53
2.4	- 0.1	1.2	1.03	+ 0.29	1.03	2	1	- 0.5	4.0	+ 0.5	1	7	5	1	2	4	1	1	6	3	4	2	0	1	6	6	3	3	53
2.1	- 0.8	2.2	2.26	+ 0.97	1.48	13	3	- 0.6	1.3	- 0.2	0	9	5	9	0	1	0	0	4	2	2	1	2	6	1	3	9	9	53
2.7	+ 0.1	1.9	0.43	- 1.07	0.27	13	2	- 0.7	2.8	+ 0.5	0	2	0	3	5	4	2	3	9	0	2	1	0	2	8	7	5	3	53
1.8	- 0.1	1.3	2.15	+ 1.68	1.50	10	2	+ 1.1	3.1	+ 0.8	2	5	1	3	5	1	2	1	8	5	2	0	0	7	2	5	7	0	53
2.4	+ 0.2	1.3	3.68	+ 2.58	3.10	14	3	+ 1.7	4.9	- 0.2	1	11	6	3	4	0	0	0	3	5	1	0	0	1	10	5	5	1	53
2.5	- 0.3	1.0	1.40	+ 0.43	1.20	8	1	- 0.7	4.6	+ 2.4	9	2	0	2	2	2	1	6	4	4	1	0	2	4	4	8	1	53	
3.1	+ 0.3	1.2	1.34	+ 0.12	1.32	14	1	- 0.9	3.6	+ 1.9	1	1	2	3	10	1	0	2	8	4	0	0	0	6	8	3	4	3	53
1.9	0.6	0.82	- 0.71	0.32	13	1	- 0.9	2.0	.	2	1	3	1	5	5	0	0	11	1	0	0	1	2	3	0	0	21	53	
2.6	- 0.5	1.0	1.36	+ 0.12	1.34	13	1	- 0.9	2.2	+ 0.4	5	1	2	0	4	8	6	1	1	4	0	1	0	5	5	11	2	0	53
2.4	- 0.5	1.9	0.21	- 0.65	0.18	2	1	- 0.7	2.3	+ 1.2	0	2	11	3	0	1	2	3	6	0	0	1	0	0	4	11	8	4	53
1.7	- 0.8	1.0	0.70	- 0.49	0.50	13	2	- 0.1	3.1	+ 0.9	1	3	1	1	4	0	1	4	13	2	4	1	1	2	0	0	9	9	53
2.5	- 0.1	1.1	0.89	- 0.55	0.84	14	1	- 0.8	3.0	+ 1.4	7	2	0	0	3	3	4	4	5	1	1	2	0	4	1	1	0	18	53
3.9	+ 0.8	2.3	1.22	+ 0.29	1.22	14	1	- 1.2	2.7	+ 0.3	3	4	1	0	1	2	4	3	10	1	2	0	4	3	1	1	6	10	53
1.3	- 1.4	1.0	0.85	- 0.95	0.85	19	1	- 1.0	3.0	+ 1.5	4	3	0	1	5	3	2	1	9	2	2	0	0	3	3	0	10	8	53
2.9	- 0.7	0.9	0.40	- 0.63	0.35	14	1	- 0.8	1.8	+ 0.3	3	1	0	0	3	0	0	0	21	3	0	1	0	4	2	0	2	16	53
2.3	- 0.6	0.7	0.37	- 0.80	0.31	14	1	- 0.8	1.8	- 0.8	2	2	0	0	1	1	1	1	20	3	0	0	0	2	5	4	8	6	53
1.7	- 1.6	0.8	0.03	- 1.12	0.03	19	0	- 1.8	9.0	+ 2.3	9	5	1	1	0	10	1	0	1	3	4	0	3	13	5	0	0	0	53
1.1	- 1.2	0.1	0	- 0.56	0	0	- 1.1	.	.	3	9	2	0	1	7	5	0	1	0	4	2	5	5	10	0	0	2	53	
1.5	- 1.0	1.6	0.20	- 1.15	0.13	2	1	- 1.0	3.7	+ 1.8	6	7	0	0	2	5	2	1	5	10	5	1	1	1	5	0	1	1	53
1.4	- 1.6	0.8	1.04	- 0.28	0.64	19	2	0	1.8	+ 0.3	3	1	1	1	0	2	2	17	1	0	2	0	0	2	5	7	7	53	
0.7	- 2.0	1.0	0.82	- 0.33	0.49	19	2	+ 0.2	2.2	+ 0.5	1	1	1	1	3	5	2	2	12	2	0	0	0	0	10	4	11	53	
1.4	- 1.2	1.1	0.76	- 0.49	0.63	2	2	- 0.5	4.5	+ 0.9	2	2	0	1	0	2	12	3	6	5	1	1	0	0	1	11	0	53	
1.9	- 0.8	1.0	1.30	+ 0.47	0.76	2	2	+ 0.3	0.6	- 0.9	0	0	0	0	1	0	1	0	26	0	0	1	1	0	0	4	20	53	
2.0	- 0.4	0.9	0.65	- 0.14	0.62	2	1	- 0.6	2.5	+ 1.2	1	4	7	1	1	4	7	0	3	1	1	0	0	0	1	21	1	3	53
1.4	- 0.4	0.9	1.44	+ 0.61	1.35	2	1	- 0.7	3.7	+ 0.8	4	3	1	0	9	5	3	1	2	4	2	0	0	0	0	9	9	4	53
2.3	- 0.1	1.6	1.17	+ 0.56	0.96	2	2	+ 0.7	2.1	+ 0.1	1	5	1	0	3	0	5	0	13	1	1	1	1	0	2	18	0	4	53
1.5	- 0.6	1.6	0.53	- 0.14	0.53	2	1	- 0.4	2.9	+ 1.6	9	7	0	0	2	2	0	1	7	2	0	2	7	0	9	5	1	2	53
1.4	- 1.1	1.0	0.05	- 1.32	0.02	2,20	0	- 2.4	4.0	+ 1.4	12	3	0	0	2	3	1	4	3	0	1	2	17	7	0	0	0	1	53
2.2	- 0.6	0.6	0.01	- 1.30	0.01	20	0	- 1.8	5.0	+ 0.3	8	1	0	0	0	2	5	4	8	0	1	10	11	3	0	3	0	0	53
1.8	- 0.7	1.2	0.00	- 0.92	0	0	- 1.2	11.1	+ 2.6	17	2	0	0	3	5	0	1	0	0	0	3	7	12	6	0	0	0	53	
1.4	- 0.1	1.9	0.00	- 0.90	0	0	- 1.2	7.6	0	16	1	0	0	0	5	2	3	1	0	0	4	7	7	10	0	0	0	53	
2.1	- 0.8	2.3	0.00	- 0.78	0	0	- 1.5	2.3	+ 0.5	2	4	3	1	1	1	2	2	12	5	0	2	2	3	3	5	5	5	53	
2.2	- 0.8	1.7	1.57	+ 0.44	1.40	19	2	- 0.1	4.5	+ 1.0	1	0	0	2	0	0	9	9	7	4	1	3	0	1	1	6	9	3	53
0.9	- 1.2	1.3	0.06	- 0.86	0.05	18	0	- 2.0	2.4	+ 0.4	6	5	1	1	0	0	0	0	15	2	2	0	0	1	3	5	5	10	53
1.5	- 1.4	1.3	0.87	- 1.05	0.87	2	1	- 2.7	3.0	+ 0.7	0	0	1	0	0	1	18	3	5	0	4	3	0	0	3	10	5	3	53
1.6	- 1.0	1.5	0.43	- 1.06	0.43	2	1	- 1.5	1.9	+ 0.3	0	0	0	0	1	13	0	0	14	0	3	0	0	0	15	3	6	3	53
0.3	- 2.3	0.5	0.93	- 0.87	0.93	2	1	- 2.4	4.4	+ 0.4	2	0	0	0	5	2	3	6	10	2	0	1	0	0	1	9	11	4	53
1.0	- 1.8	0.9	0.83	- 0.43	0.83	2	1	- 1.3</td																					

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Pressure reduced to 32° F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %						
	Height of bar. cistern above mean sea level in feet.		Mean 9 hrs. I. S. T.		Departure from normal.		Mean 18 hrs. I. S. T.		Mean.		Departure from normal.		Highest. Date.		Mean.		Departure from normal.		Lowest. Date.		Mean.		Mean.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22			
U. P., East																									
Gonda	360	999.6			996.9	77.7	- 0.3	85	25	46.9	- 4.5	41	4, 16	52.6	74.1	47.4	57.3	8.9	- 3.3	8.4	66	- 12			
Gorakhpur	254	1002.5	- 3.2		999.5	77.3	- 0.4	93	28	50.7	- 1.4	46	4, 16	55.8	75.6	51.2	62.7	10.8	- 1.4	13.5	71	- 3			
Benares	250	1003.2	- 3.1	1000.5	79.7	+ 0.8	90	28	49.5	- 2.6	44	16	55.4	78.1	50.2	58.7	10.2	- 2.4	8.6	68	- 4				
Allahabad (Bamrauli)	322	1001.0	- 2.8		998.1	80.3	+ 1.1	90	28	50.0	- 0.9	44	3	55.7	79.3	49.1	57.3	8.9	- 2.1	5.9	59	- 10			
Fatehpur	375	999.0			995.9	80.5	+ 0.7	92	28	47.7	- 4.6	42	4, 16	53.0	79.0	48.9	65.8	10.0	- 2.2	15.8	73	- 1			
Cawnpore	413	997.7	- 2.6		994.9	79.1	+ 2.1	90	28	48.5	- 2.5	41	16	53.1	77.8	49.2	66.4	10.2	- 0.7	16.9	75	+ 4			
Lucknow	371	998.4	- 3.5		995.8	80.1	+ 1.5	89	28	49.0	- 2.4	43	5, 16	55.5	76.8	48.0	58.4	8.0	- 3.3	8.4	54	- 17			
Bahraich	407	996.5	- 3.4		994.3	76.7	- 0.3	83	28	47.9	- 3.0	42	15	51.3	74.3	46.8	57.3	8.9	- 2.9	8.4	70	- 7			
U. P., West																									
Jhansi	824	984.0	- 2.6		980.7	81.9	+ 1.0	96	27	49.0	- 5.2	40	2, 4	54.1	80.5	45.5	56.2	6.6	- 3.4	4.4	45	- 12			
Agra	553	993.3	- 2.4		990.6	77.6	+ 0.2	94	27	48.7	+ 0.5	48	4, 22	53.8	76.9	50.1	64.3	10.7	+ 1.8	14.9	76	+ 10			
Mainpuri	516	993.8	- 2.9		991.5	78.0	+ 0.3	90	27	46.4	- 3.4	40	4	51.0	75.6	46.8	60.1	9.1	- 1.4	11.0	71	+ 2			
Aligarh	615	990.6			988.2	76.5	+ 0.8	90	27	46.9	- 3.7	42	3, 15	50.4	74.9	44.3	55.3	7.3	- 3.1	6.2	57	- 14			
Bareilly	568	991.8	- 3.8		988.9	75.9	+ 0.8	84	28	47.9	- 2.2	40	15	51.4	78.7	46.4	56.2	8.5	- 2.8	7.5	66	- 12			
Roorkee	899	979.9	- 3.1		978.5	71.6	- 0.9	80	25	48.7	- 3.8	39	4 days	46.6	70.7	43.2	54.6	7.9	- 2.4	7.4	75	- 7			
Dehra Dun	2,239	983.1	- 3.7		982.4	69.3	+ 0.1	77	25, 26, 28	42.6	- 4.0	37	15	47.5	66.5	43.6	51.9	7.9	- 1.0	7.0	73	- 3			
Punjab, E. and N.																									
New Delhi	714	987.2	- 2.6		984.8	75.5	+ 0.8	88	26, 27	45.9	- 3.3	42	5 days	48.6	74.6	42.0	58.1	6.2	- 3.7	4.2	53	- 18			
Hissar (R)	725																								
Ambala	892	980.8	- 2.8		978.9	78.9	+ 0.8	87	26	46.2	- 1.6	40	4, 11	49.7	71.7	44.9	55.2	7.9	- 2.0	7.4	66	- 10			
Ludhiana	812	983.9	- 2.4		982.2	74.1	+ 2.9	88	26	44.0	- 3.5	39	16	46.1	72.6	43.4	56.8	8.4	- 1.3	9.0	79	0			
Lahore	702	987.5	- 2.9		986.3	71.1	- 1.0	80	26	41.5	- 3.0	36	15	44.6	70.1	42.1	54.6	8.0	- 1.5	7.1	81	+ 3			
Sialkot	830	983.1	- 2.8		981.4	69.5	+ 0.1	77	28	41.7	- 3.8	38	10	45.3	66.9	42.9	53.5	8.3	- 2.1	7.9	78	- 8			
Rawalpindi (R)	1,674																								
Punjab, Southwest																									
Khushab	612	990.6	- 3.6		989.0	74.0	+ 2.7	83	25	40.7	- 5.3	33	15, 16	45.2	71.9	39.9	53.4	5.9	- 2.2	5.7	60	- 8			
Lyallpur	605	991.0	- 2.6		989.6	72.0	+ 0.7	80	24, 25	41.6	- 3.5	36	15, 16	43.8	70.2	40.9	54.4	7.3	- 1.8	7.3	77	- 1			
Montgomery	558	992.3	- 3.4		990.9	73.7	+ 1.2	85	26	41.6	- 4.8	36	15	47.4	72.2	42.9	55.0	7.4	- 2.4	7.1	69	- 12			
Leiah	490	996.4			994.2	73.6		92	25	40.6		35	15	43.5	72.7	40.2	54.5	6.9		6.4	73				
Multan	413	998.7	- 2.3		996.7	74.5	+ 1.7	85	25	44.3	- 2.5	39	15, 16	47.2	73.9	44.5	58.9	8.9	- 1.6	10.2	79	+ 6			
Fort Abbas	475	995.8			998.7	76.8		91	26	42.5		36	19	46.2	75.4	42.0	56.3	7.3		6.9	69				
Bahawalpur	884	999.0	- 2.4		997.3	76.1	+ 0.5	88	25	43.5	- 3.4	38	14, 15	45.7	75.3	42.1	56.8	7.5	- 1.8	7.5	78	+ 3			
Khanpur	297	1002.1	- 2.4	1000.0	79.0	+ 1.5	90	25	42.5	- 4.2	38	3	46.1	78.4	42.2	58.3	7.3	- 1.4	7.6	69	0				
Kashmir																									
Srinagar	5,205	840.5	- 3.4	838.7	48.3	+ 4.2	57	23	27.8	- 1.7	24	15, 23	30.0	44.7	29.0	38.5	5.1	- 0.5	5.6	89	- 2				
Gulmarg	8,709																								
Dras	10,059	699.5	- 3.1	698.2	12.5	- 8.2	31	27	- 14.4	- 5.8	- 26	4 days	- 5.6	12.5	- 6.4	11.4	0.9	- 0.5	2.3	72	- 13				
Leh	11,529	661.7	- 2.0	659.8	18.8	- 14.2	33	28	1.3	- 9.0	- 4	5, 15, 16	4.6	18.6	3.9	16.4	1.7	0	2.7	82	+ 24				
Skardu	7,505	709.5		708.1	33.7	- 4.5	40	23, 28	13.6	- 5.6	3	4, 5	17.1	32.1	13.9	27.8	1.9	- 1.7	3.7	53	- 30				
Gilgit	4,890	850.9		848.9	50.4	- 2.1	56	24	32.3	- 4.6	29	4 days	34.4	48.3	30.5	37.1	4.4	- 0.4	3.3	63	+ 2				
Misgar	10,190	692.6		690.2	31.1		38	26, 27	10.7		5	12, 21	14.8	27.0	13.3	22.0	2.4		2.7	78					
N.-W. F. Province																									
Peshawar	1,164	972.9	- 2.9	971.2	67.9	+ 1.7	75	23, 24	39.7	- 4.3	35	7, 14, 15	44.1	66.2	38.2	49.4	5.2	- 2.9	4.4	53	- 26				
Bannu	1,264	968.1		966.7	68.3	- 0.3	78	23	42.9	- 2.3	38	15, 16	47.0	67.6	40.0	50.1	5.3	- 2.6	4.5	48	- 21				
Miranshah	3,026					62.7	+ 1.6	71	24	37.3	- 4.2	32	17	43.5	60.9	37.5	49.2	5.1	- 0.9	7.0	55	- 18			
Dera Ismail Khan	570	993.1	- 2.7	990.9	73.5	+ 1.9	81	23, 24	40.7	- 4.2	35	14	44.8	71.9	39.2	53.9	6.1	- 2.3	6.1	58	- 16				
Baluchistan																									
Fort Sandeman	4,614	858.5	- 1.4	856.3	60.4	+ 1.1	75	25	34.3	- 1.1	29	1, 2	37.4	59.5	32.1	44.6	4.1	- 1.6	4.2	52	- 26				
Loralai	4,699	854.9		853.0	61.5		73	26, 27	81.6		22	21	35.4	60.5	29.6	43.1	3.5		2.6	48					
Sibi	441	997.2	- 1.9	994.5	77.7	+ 2.0	85	25, 26, 27	47.3	- 2.4	38														

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from												STATION.							
Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.						18 hrs. I. S. T.													
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52		
1.7	- 1.0	2.0	0.00	- 0.91	0		0	- 2.3	4.2	+ 1.1	0	0	5	0	0	0	17	2	4	1	1	0	0	0	1	15	8	2	U. P., East	
1.4	- 0.5	1.3	0.00	- 0.68	0		0	- 1.8	3.5	+ 1.3	2	3	2	0	4	2	11	1	3	0	0	1	3	0	1	21	1	1	Gonda	
1.3	- 1.1	1.2	0.02	- 0.69	0.02	2	0	- 1.9	5.7	+ 2.9	0	1	2	1	1	12	7	0	4	1	2	1	0	0	1	17	5	1	Gorakhpur	
1.5	- 1.2	1.4	0.00	- 0.63	0		0	- 1.7	2.8	- 0.4	1	0	3	1	0	8	10	1	4	3	4	0	0	0	1	9	11	0	Benares	
2.0	- 0.3	1.3	0	- 0.71	0		0	- 2.4	2.4	- 0.2	0	1	0	1	0	2	6	0	18	0	1	0	1	0	0	11	14	1	Allahabad (Bamrahi)	
2.1	+ 0.5	1.7	0	- 0.66	0		0	- 1.6	6.8	+ 2.7	0	1	1	2	0	5	10	2	7	9	0	1	0	0	0	3	15	5	1	Fatehpur
1.1	- 1.4	1.5	0	- 0.72	0		0	- 1.6	2.6	+ 0.9	0	0	1	0	1	0	16	3	7	1	0	1	0	0	0	0	16	6	4	Cawnpore
1.5	- 0.5	1.8	0	- 0.91	0		0	- 2.0	4.0	+ 1.9	3	0	8	2	1	5	6	5	3	2	0	1	0	0	0	1	8	4	12	Lucknow
1.4	- 0.8	1.4	0	- 0.45	0		0	- 1.1	3.5	+ 0.8	2	0	0	0	0	15	6	5	0	1	0	1	0	0	0	1	13	12	0	Bahraich
1.4	+ 1.2	0.9	0	- 0.49	0		0	- 1.1	2.5	- 0.7	4	2	0	1	1	5	6	5	4	2	0	0	0	2	2	2	16	4	4	Agra
1.8	- 1.0	1.5	0	- 0.64	0		0	- 1.2	3.1	+ 1.4	1	0	1	0	1	2	9	6	8	1	1	0	1	0	0	0	13	11	1	Mainpuri
2.1	- 0.4	1.7	0	- 0.76	0		0	- 2.1	4.1	+ 0.6	1	0	4	0	0	2	12	9	6	5	0	0	1	3	1	6	10	2	2	Alligarh
8.0	+ 0.1	2.4	0	- 0.97	0		0	- 1.9	4.2	+ 2.2	1	0	3	2	0	4	11	4	3	2	0	2	2	0	0	16	5	1	Bareilly	
2.6	- 0.6	1.7	0	- 1.52	0		0	- 2.8	3.2	+ 1.0	0	0	0	2	0	4	0	12	10	0	0	0	1	1	3	0	17	6	6	Roorkee
3.3	- 0.8	3.5	0	- 2.47	0		0	- 3.8	2.1	+ 0.4	3	1	0	0	0	1	1	1	21	1	0	0	1	2	9	10	0	5	Dehra Dun	
2.9	- 0.2	1.9	0	- 0.83	0		0	- 1.7	7.9		0	0	3	0	1	1	16	4	3	2	2	3	0	0	0	2	18	1	Punjab, E. and N. New Delhi	
2.3	- 1.3	1.7	0	- 1.87	0		0	- 9.1	5.1	+ 1.8	0	0	0	4	0	0	0	20	4	0	0	0	3	0	0	2	0	29	0	Hissar (R)
2.8	- 0.5	2.4	0	- 1.85	0		0	- 2.7	1.3	- 0.4	1	1	0	1	0	1	0	5	19	0	2	0	8	0	0	2	0	20	1	Ludhiana
3.1	- 0.8	3.1	0	- 0.97	0		0	- 2.1	1.7	0	2	0	1	1	0	0	2	2	20	3	0	3	0	0	0	0	10	12	0	Lahore
3.3	+ 0.1	3.0	0	- 1.67	0		0	- 3.0	2.0	+ 0.6	1	3	1	0	0	0	1	7	15	1	3	0	0	0	0	7	4	9	4	Sialkot
2.5	- 1.2	1.9	0	- 0.92	0		0	- 2.1	3.4	+ 0.8	4	6	2	0	2	3	5	3	3	3	2	3	3	4	5	6	2	0	Rawalpindi (R)	
3.8	- 0.9	4.2	0.03	- 0.54	0.03	13	0	- 1.6	1.9	0	2	2	2	0	1	4	4	4	9	0	3	2	0	1	6	4	9	3	Punjab, Southwest Khushab	
2.4	- 0.6	1.9	0	- 0.50	0		0	- 1.5	0.6	- 2.2	1	1	2	0	0	0	0	0	24	3	0	2	0	0	0	0	3	2	18	Montgomery
1.0	"	1.0	0	0	0		0	3.5			7	2	0	0	0	1	0	13	0	3	6	3	4	2	1	1	3	0	Leiah	
3.1	0	1.8	0	- 0.38	0		0	- 1.3	2.5	+ 1.0	8	3	2	1	1	1	1	3	8	8	0	2	3	5	4	0	1	5	Multan	
2.6	8.0	0	0	0	0		0	4.7			2	4	4	6	3	1	0	3	5	8	5	0	0	0	2	8	5	0	Fort Abbas	
2.0	- 1.2	1.4	0	- 0.26	0		0	- 0.8	2.2	- 0.3	3	4	6	3	2	1	0	2	7	2	5	1	1	2	3	4	1	9	Bahawalpur	
2.2	- 0.9	1.7	0	- 0.29	0		0	- 0.9	2.0	- 2.3	0	8	0	0	0	2	0	4	14	0	7	0	1	1	12	0	2	5	Khanpur	
5.8	- 2.0	6.0	0.65	- 2.19	0.17	26	3	- 3.2	2.8	+ 0.4	1	3	0	9	1	0	1	6	7	1	0	1	1	1	3	5	15	1	Kashmir Srinagar	
5.1	- 0.6	5.8	3.37	- 0.46	1.23	28	4	- 3.6	0.1	- 0.6	0	0	0	0	0	0	0	0	28	0	0	0	0	0	0	0	0	0	28	Dras
6.2	- 0.4	6.6	0.69	+ 0.38	0.28	25	3	+ 2.1	1.6	+ 0.2	0	11	4	0	0	0	0	0	18	0	0	0	0	5	9	3	0	11	Leh	
3.5	- 3.1	6.0	0.39	- 0.30	0.18	26	2	- 0.2	2.1	+ 0.6	0	1	0	0	0	0	1	1	25	0	8	5	0	1	3	5	2	9	Skardu	
4.8	- 1.9	6.0	0.23	- 0.03	0.13	27	1	+ 0.1	1.3	- 0.1	0	0	0	0	1	4	1	0	22	0	0	1	1	2	4	0	0	20	Gilgit	
5.3	7.4	0	0	0	5.3		0	4	2	2	0	3	7	7	3	0	2	14	7	1	0	1	1	1	3	5	15	1	Misgar	
3.7	- 2.7	8.9	0.01	- 1.52	0.01	27	0	- 3.3	3.0	+ 1.2	1	1	0	2	14	8	0	0	2	6	3	2	1	4	0	1	7	4	4	P.-W. F. Province
3.2	+ 0.1	2.6	0	- 1.18	0		0	- 3.1	3.8		1	0	0	0	1	0	8	6	12	0	0	5	11	7	2	1	1	1	1	Bannu
2.4	- 0.9	8.3	0.01	- 1.55	0.01	17	0	- 4.1	6.3	+ 2.3	5	1	0	0	0	0	6	6	10	0	1	16	6	0	2	0	1	2	Miranshah	
2.5	- 0.8	1.9	0	- 0.67	0		0	- 1.7	1.9	+ 0.5	1	2	0	0	0	2	3	4	16	5	6	2	6	2	1	0	2	4	Dera Ismail Khan Baluchistan	
2.9	- 0.5	3.6	0.16	- 0.92	0.13	28	1	- 2.3	3.8	+ 1.3	0	0	8	1	1	0	1	0	17	4	2	1	0	2	2	9	5	3	3	Fort Sandeman
2.8	2.4	0	- 1.07	0		0	- 2.6	5.9		0	0	0	0	1	1	22	1	3	0	0	0	4	12	3	5	3	1	Loralai		
2.7	- 0.4	2.9	0	- 0.87	0		0	- 1.7	3.6	+ 0.9	3	3	0	2	1	0	3	6	10	1	2	2	5	4	3	6	3	2	Sibi	
2.5	- 1.5	3.3	0.28	- 0.22	0	16	1	- 2.4	5.4	+ 2.4	3	3	0	0	5	1	0	0	16	10	1	0	0	3	2	1	7	4	4	Quetta
3.7	- 0.2	4.2	0.52	- 1.20	0.20	16	3	- 1.4	6.0	+ 0.9	0	2	8	11	5	1	0	1	0	2	0	0	1	3	7	9	6	0	Chaman	
1.4	- 2.1	1.7	0.28	- 1.11	0.28	16	1	- 2.4	5.4	+ 0.4	0	1	0	1	10	1	0	1	14	3	0	0	0	0	6	2	14	3	Kalat	
2.6	- 0.7	2.6	0	- 0.96	0		0	- 2.2	4.9	+ 0.9	2	10	2	0	0	2	1													

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.)

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.			Maximum temperature, °F.			Minimum temperature, °F.			Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.		Relative humidity, %					
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean Departure from normal.	Mean 18 hrs. I. S. T.	Mean 18 hrs. I. S. T.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Sind																						
Jacobabad*	166/153	1006.2	- 2.6	1003.9	81.3	+ 2.8	90	25	47.1	- 2.0	41	14, 18	52.3	79.0	46.4	67.0	8.1	- 0.1	17.2	61	+ 1	51
Sukkur	221	1004.8	- 1.9	1002.4	79.8	+ 0.6	91	27	48.9	- 3.1	44	19	52.1	78.9	46.7	57.9	8.4	- 1.1	6.9	64	+ 3	21
Pad Idan	150	1007.5		1004.9	81.4		94	27	44.7		36	3	48.2	81.1	44.1	60.0	8.1		8.2	71		24
Umarkot	55	1010.2		1007.5	85.0		97	26	51.3		43	1	55.3	84.2	50.4	64.9	10.2		12.2	68		30
Hyderabad	96	1009.9	- 2.0	1007.6	84.9	+ 3.7	96	26	53.3	- 1.2	47	2	56.9	84.1	51.4	59.9	10.5	+ 0.5	6.8	66	+ 4	18
Karachi (Clifton)	.																					
Karachi (Manora)...	13	1012.5	- 2.4	1010.7	78.4	+ 1.5	82	10, 18	61.7	+ 0.7	54	1	64.1	75.5	60.1	66.4	15.9	+ 1.6	18.1	78	+ 6	60
Badin	31	1011.9	- 1.4	1009.5	86.4	+ 4.0	95	26	51.9	- 2.6	44	3	54.8	85.2	51.5	63.0	11.4	- 0.9	9.7	77	+ 7	21
Rajputana, West																						
Sri Ganganagar	560	992.4		990.5	73.9	+ 0.3	88	26	40.8	- 4.9	35	21	46.1	73.5	48.1	55.1	8.1	- 1.9	6.5	78	- 5	24
Bikaner	734	986.4	- 2.6	984.1	78.6		93	27	42.2		35	2	45.6	78.0	39.2	55.1	5.3		4.4	50		16
Phalodi	783	985.5		983.2	79.1		94	27	44.1		37	4 days	48.3	78.2	42.3	57.9	6.5		7.1	56		23
Jodhpur	736	986.8	- 1.0	984.5	80.8	+ 0.2	94	27	49.3	- 3.3	42	3, 21	53.6	80.1	44.3	56.8	5.7	- 1.7	5.2	42	- 8	17
Barmer	638	990.3	- 1.3	987.8	82.3	+ 1.0	94	26, 27	54.0	- 1.6	48	4	58.3	81.6	48.9	58.2	7.5	- 3.4	6.0	47	- 14	17
Rajputana, East																						
Jaipur	1,431	963.0	- 2.5	960.7	77.1	+ 0.1	91	27	48.2	- 2.4	39	21	53.2	76.1	44.1	58.4	5.8	- 2.1	3.9	43	- 8	14
Ajmer	1,593	957.5	- 2.4	954.9	76.4	- 0.6	89	26, 27	46.6	- 3.3	39	2, 3	51.7	75.6	45.4	57.4	7.5	- 0.8	8.4	60	+ 5	30
Kotah	843	983.4	- 2.5	980.6	83.3	+ 1.3	97	26	53.2	- 2.2	47	2	56.2	81.5	47.6	57.6	7.4	- 1.4	5.4	48	- 3	15
Brijnagar	1,053	975.9	- 1.9	972.4	82.8	0	94	27	49.6	- 3.2	41	3	54.2	81.7	47.4	61.1	8.0	- 1.3	9.1	58	+ 3	25
Rajssamand																						
Gujarat																						
Deesa	466	996.9	- 1.5	993.2	85.3	- 1.5	93	4 days	49.9	- 4.1	45	4, 5	62.3	82.6	47.3	63.2			10.9			29
Bhuj	313	1001.2	- 1.6	998.9	84.1	+ 0.4	98	26	55.3	- 1.2	48	2, 3	57.8	83.2	53.2	61.2	11.8	- 0.5	8.5	72	+ 12	22
Dwarka	37	1012.1	- 1.8	1010.0	79.5	+ 1.0	94	25	61.4	- 1.8	53	2	63.6	76.3	59.9	64.7	16.0	- 0.6	15.7	80	+ 6	58
Jamnagar	60	1012.5	- 0.6		82.0	- 0.6	93	26, 28	57.8	+ 2.0	51	4 days	62.3		56.0		12.4	- 1.4		66	- 5	
Rajkot	432	997.5	- 1.9	994.9	86.6	+ 0.1	100	26	54.0	- 0.8	45	3	56.9	86.1	49.4	59.3	8.7	- 2.1	5.1	55	- 5	18
Veraval	26	1011.5	- 2.2	1009.9	85.1		98	26	57.5		50	3	60.8	79.1	52.2	68.2	9.5		18.6	55	- 4	51
Surat	39	1010.5	- 2.4	1007.6	92.3	+ 2.9	102	26	59.8	- 0.2	52	15	62.5	88.7	55.5	70.3	11.9	- 1.6	16.9	68	0	36
Bhavnagar	55	1010.9	- 1.9	1007.6	88.6	+ 1.3	99	28	54.4	- 3.2	46	2	57.7	86.8	48.5	61.5	7.6	- 2.3	7.1	47	- 2	16
Ahmedabad	163	1007.5	- 1.6	1004.2	88.4	+ 0.5	98	26, 27, 28	59.7	- 0.3	53	1	61.4	86.5	51.3	62.2	8.4	- 1.4	8.1	45	- 4	19
Dohad	1,093	971.9		971.9	85.7	- 1.0	96	27	55.4	- 1.1	46	3	59.6	84.2	53.5	70.5	11.3	+ 0.9	19.3	65	+ 6	49
Baroda	115	1008.9		1005.6	89.5	+ 0.1	99	26, 27	49.9	- 4.9	42	3	53.6	87.6	49.4	66.2	10.2	- 1.3	12.2	73	+ 12	28
Central India, West																						
Neesmuc	1,626	956.9	- 1.9	955.0	79.8	- 1.0	91	27	49.8	- 2.1	42	3, 15	53.2	79.6	43.7	55.7	5.7	- 2.8	4.9	43	- 7	1
Indore	1,823	949.7	- 2.1	947.0	81.8	- 1.3	92	27	48.1	- 4.2	41	3, 15	51.3	81.8	45.2	56.7	7.7	- 1.5	5.1	62	+ 11	1
Bhopal	1,643	956.2	- 1.6	953.2	81.1	- 1.7	92	27	52.0	- 2.6	45	3, 4, 16	58.7	80.7	49.9	60.8	8.4	- 1.0	9.1	51	- 1	2
Guna	1,571	955.5	- 1.7	955.7	82.0	+ 0.8	93	27	47.4	- 2.8	39	4	50.6	79.9	43.8	55.5	6.4	- 2.9	4.6	54	- 6	1
Gwalior	681	955.7		955.8	80.5		96	27	48.0		38	3	54.5	79.1	45.9	57.5	6.7		6.4	47		1
Madhosagar (R)	757																					
Central India, East																						
Nowrang	750	956.3	- 2.5	953.4	81.6	+ 1.6	95	27	44.9	- 5.8	38	4	49.8	80.8	43.5	56.9	6.7	- 4.0	5.0	57	- 12	1
Sutna	1,041	976.0	- 2.5	973.4	81.3	+ 2.0	92	27, 28	47.8	- 4.4	40	4	54.2	79.6	46.8	57.4	7.5	- 3.0	6.2	54	- 8	1
Umaria	1,506	959.7		956.9	82.0	+ 0.9	92	26	47.8	- 3.9	41	3	55.1	79.4	48.1	57.7	8.3	- 3.1	4.8	59	- 6	2
Berar																						
Akola	925	970.9	- 2.1	976.2	90.4	- 0.2	98	28	55.0	- 2.8	47	2, 3	58.4	89.5	49.7	64.7	8.3	- 1.3	9.5	50	+ 3	2
Amraoti	1,213	963.7	- 2.5	966.6	89.1	- 0.2	97	28	60.6	- 1.5	54	2	65.2	88.4	51.0	61.5	6.5	- 3.7	6.5	31	- 15	1
C. P., West																						
Khandwa	1,044	976.1	- 2.1	972.4	88.0	- 0.7	97	27	52.4	- 3.5	43	3	58.0	86.9	47.4	62.6	6.4	- 2.3	8.3	40	- 8	1
Hoshangabad	992	977.8	- 2.6	974.4	84.0	- 0.9	98	27, 28	53.1	- 4.4	46	8	56.9	83.3	49.5	61.1	8.7	- 1.9	8.5	56	+ 2	2
Saugor	1,804	949.7	- 2.5	947.0	79.5	- 1.1	90	27, 28	55.2	- 0.5	48	2, 3	61.1	78.5	47.8	55.8	5.6	- 2.7	5.7	32	- 15	2
Jubbulpore	1,289	967.4	- 2.3	964.5	83.5	+ 2.1	93	27, 28	47.9	- 3.1	40	16	52.9	82.3	48.0	59.9	9.2	- 1.9	7.5	68	+ 5	2
Seoni	2,027	942.4	- 3.0	939.9	84.1	+ 1.1	93	27, 28	53.6	- 1.3	46	4	58.6	82.0	48.9	58.9	7.5	- 3.1	6.6	48	- 8	2
Nagpur	1,022	976.4	- 2.6	972.8	90.0	+ 1.8	99	26	59.1	- 2.8	54	4 days	63.3	88.5	52.4	69.8	8.5	- 2.9	9.1	44	- 7	2
C. P., East					</td																	

Cloud amount (tenths of sky).		Rainfall, inches.					Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.				
Mean Ghrs. I. S. T.	Departure from normal.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.								18 hrs. I. S. T.									STATION.				
										24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
2.0	-0.5	2.3	0	-0.33	0		0	-0.9	3.8	+1.6	2	0	10	2	1	0	2	1	10	2	4	1	6	3	1	3	5	3		53	Sind
4.5	-0.5	1.4	0	-0.28	0		0	-0.8	2.5	-0.5	2	1	4	9	0	0	1	1	10	1	2	1	4	2	11	3	1	3		Jacobabad	
1.7	1.3	0		0			0		4.7		2	0	0	1	2	0	0	3	20	4	1	0	1	6	5	0	2	9	Sukkur		
0.8	1.4	0		0			0		5.0		4	5	0	3	5	6	1	1	3	6	3	1	0	2	8	4	4	0		Pad Idan	
0.7	-1.4	1.2	0	-0.24	0		0	-0.6	2.6	-1.4	7	0	0	0	7	5	1	3	5	7	3	1	0	0	9	1	3	4		Umarkot	
1.6	-1.0	1.0	0	-0.44	0		0	-1.0	5.9	-0.9	3	13	2	0	0	1	6	3	0	0	0	0	1	1	14	12	0	0		Hyderabad	
0.4	-2.0	0.2	0	-0.38	0		0	-0.9	3.9		7	1	0	0	0	6	4	2	8	5	3	4	0	2	7	4	3	0		Karachi (Clifton)	
2.7	-1.4	1.7	0	-1.13	0		0	-2.0	3.5	-0.7	0	1	0	2	2	0	1	1	21	3	1	0	1	0	2	1	18	2		Karachi (Manora)	
0.8	-1.9	1.3	0	-0.27	0		0	-0.7	2.3	-1.3	0	13	0	0	0	3	0	0	12	0	7	0	0	0	5	1	9	6		Badin	
1.6	2.1	0.02	-0.17	0.02	7	0	-0.5	6.5			0	0	0	6	11	4	2	1	4	6	1	1	0	0	5	10	4	1		Rajputana, West	
1.2	-1.6	1.6	0	-0.24	0		0	-0.6	2.6	-4.2	0	16	1	0	0	1	2	0	8	5	4	2	1	0	1	7	6	2		Sri Ganganagar	
0.7	-1.9	1.4	0	-0.28	0		0	-0.6	4.3	-0.6	0	0	0	0	0	3	4	8	13	0	7	0	0	1	4	6	7	3		Bikaner	
1.5	-1.1	1.5	0	-0.32	0		0	-0.8	5.1	+1.2	9	5	1	1	1	0	0	1	10	1	0	0	0	1	5	9	12	0		Phalodi	
0.5	-1.6	1.5	0	-0.26	0		0	-0.7	3.4	+1.3	0	1	0	0	0	1	2	0	24	1	2	0	1	0	3	13	5	3		Jodhpur	
0.9	-1.3	1.0	0	-0.21	0		0	-0.5	3.0	+1.3	1	0	0	1	3	3	6	4	10	3	3	0	0	0	10	10	2		Burner		
0.6	-1.3	0.7	0	-0.08	0		0	-0.4	2.8	+0.2	2	0	0	0	3	0	0	3	20	2	4	1	0	0	1	12	5	3		Rajputana, East	
0.7	1.2	0		0			0		6.6		6	0	0	0	1	6	12	3	9	2	1	1	2	2	5	6	0		Jaipur		
0.2	-1.7	0	0	-0.12	0		0	-0.3	11.0	+5.1	4	10	10	4	0	0	0	0	0	3	11	2	0	0	0	7	5	0		Gujarat	
0.5	-1.0	0.1	0	-0.17	0		0	-0.4	4.0	-0.6	0	1	0	0	1	2	0	0	24	5	7	0	0	0	2	7	3	4		Deosa	
0.4	-1.9	0	0	-0.24	0		0	-0.5	7.7	-1.0	6	6	3	1	0	3	5	2	2	3	4	0	0	0	1	11	9	0		Bhuj	
1.0	-0.5	0	0	-0.08	0		0	-0.2	3.6	-3.3	2	4	2	0	0	3	2	0	15											Jamnagar	
1.1	-0.9	0.1	0	-0.09	0		0	-0.9	5.9	+1.1	1	2	1	1	2	2	1	3	16	5	6	2	0	0	0	3	10	2		Rajkot	
0.3	-1.1	0.6	0	-0.07	0		0	-0.2	10.6		11	15	1	0	0	0	1	0	1	3	0	1	1	5	10	7	0		Veraval		
0.6	-0.7	0.3	0	-0.08	0		0	-0.2	4.5	+1.3	3	9	3	4	0	0	0	2	7	3	3	1	0	0	5	2	14	0		Surat	
0.3	-1.3	0	0	-0.06	0		0	-0.2	4.1	-0.1	0	0	0	0	0	4	15	0	9	5	11	7	0	0	0	2	3	0		Bhavnagar	
0.3	-1.2	0.4	0	-0.08	0		0	-0.2	4.6	+1.0	6	9	4	0	0	1	2	2	4	5	4	1	1	0	1	6	8	2		Ahmedabad	
0.1	-1.8	0.1	0	-0.04	0		0	-0.2	7.8	+4.6	1	3	3	1	5	3	0	2	10	0	5	0	2	0	5	10	4	2		Dohad	
0	-1.4	0	0	-0.21	0		0	-0.3	3.0	+0.7	3	7	1	0	1	2	2	0	12	5	8	1	0	0	2	7	4	1		Baroda	
0.4	-1.4	1.0	0	-0.15	0		0	-0.4	5.0	+0.4	5	9	2	2	1	3	4	2	0	2	12	2	0	0	0	3	7	0	2		Central India, West
0.3	-1.3	0.1	0	-0.14	0		0	-0.5	2.9	+0.5	1	3	1	0	1	2	0	2	18	5	5	1	0	0	4	5	5	3		Neenuch	
0.1	-1.8	0.4	0	-0.15	0		0	-0.5	2.7	-0.1	2	1	0	0	0	3	3	0	19	0	3	2	0	0	5	7	2	9		Indore	
0.7	-0.8	1.0	0	-0.19	0		0	-0.6	3.7	+0.9	2	0	0	4	1	0	0	1	20	7	1	0	0	0	2	11	7	0		Bhopal	
1.4	1.3	0		0			0		2.6		1	1	0	0	0	3	5	5	13	1	0	0	0	4	16	10	0		Guna		
1.3	-1.3	1.0	0	-0.57	0		0	-1.3	2.4	+0.8	0	0	0	2	8	10	0	0	8	9	1	0	0	0	2	7	9	0		Gwalior	
0.8	-1.7	1.4	0.07	-0.71	0.07	2	0	-1.8	2.6	0	1	0	0	1	1	3	1	1	20	3	0	2	0	0	1	7	12	3		Madhosagar (R)	
0.8	-1.8	0.6	0.04	-0.96	0.04	1	0	-1.9	2.4	-0.1	0	1	1	2	3	3	2	0	16	4	1	0	0	0	0	10	12	1		Central India, East	
0.3	-1.4	0.6	0	-0.30	0		0	-0.6	4.3	+1.2	1	2	1	1	3	6	6	7	0	6	0	1	0	0	1	18	2		Nowgong		
0.7	-1.0	0.9	0	-0.44	0		0	-0.8	5.8	+1.8	1	8	8	1	1	5	2	1	1	0	1	0	1	0	10	2	14	0		Sutna	
0.1	-1.3	0.1	0	-0.16	0		0	-0.4	3.7	+0.3	2	0	0	0	1	4	0	21	4	6	0	1	0	1	6	10	0		Umaria		
0.2	-1.6	0.2	0	-0.38	0		0	-0.9	3.0	+0.8	2	1	3	3	2	1	1	0	15	3	1	3	5	2	2	2	1	9		Amracti	
0.8	-1.2	1.2	0	-0.47	0		0	-1.2	9.3	+5.7	5	6	1	7	1	6	2	0	0	7	1	0	0	0	3	7	10	0		C. P., West	
0.8	-1.2	0.5	0	-0.76	0		0	-1.7	2.8	+1.1	0	0	0	11	4	1	1	10	7	2	0	0	0	6	7	3	3		Khandwa		
0.8	-1.2	0.6	0	-0.81	0		0	-2.0	3.9	+1.1	9	1	1	0	5	0	1	0	11	7	0	1	0	1	2	8	9	0	</td		

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of bar. cistern above mean level in feet.	Pressure reduced to 59° F and standard gravity, millibars.				Maximum temperature °F.			Minimum temperature °F.			Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Rela hum %			
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Konkan																					
Dahanu	... 15	1010.7	.	1008.7	82.4	100	26	61.0	54	2,3	68.1	79.1	56.7	71.1	12.8	.	22.3	66			
Bombay	... 87	1010.3	- 2.2	1007.6	85.4	+ 2.3	99	26	67.3	- 0.1	60	2	70.1	80.6	64.3	70.7	17.9	- 1.0	21.1	71	-
Alibag	... 23	1010.9	- 1.8		88.8	+ 1.2	99	26	64.0	- 0.9	57	2	67.0		61.8		16.6	- 0.8	74	+	
Harnai	... 66	1008.4		1006.0	80.6		92	25,26	71.3		65	1,2	73.7	79.4	68.3	72.4	15.1	.	24.0	54	
Ratnagiri	... 211	1009.7	- 2.2	1001.3	86.1	+ 0.6	101	25	67.5	0	62	2	71.2	81.9	67.4	77.7	21.1	+ 3.8	30.6	81	+ 1
Devgad	... 1006.8			1004.1	84.8		94	25	68.9		64	2	71.3	82.6	66.0	72.9	19.3	.	23.3	75	
Marmagao(R)	... 202																				
Honavar	... 85	1008.2		1005.1	88.9		95	26	68.3		64	19,20	71.7	85.2	67.4	75.3	20.9	.	25.4	81	
Bombay Deccan																					
Jalgaon	... 660	988.9		985.6	90.8		97	27,28	54.3		45	15,16	59.5	90.9	48.6	63.7	6.7	.	7.9	41	
Malegaon	... 1,432	962.9	- 2.1	959.4	90.0	+ 0.1	97	27,28	52.5	- 2.2	44	2,3	57.1	90.0	45.9	60.1	5.9	- 3.1	4.9	35	- 1
Ahmednagar	... 2,154	939.2	- 1.4	935.9	90.0	- 1.5	96	13,14,28	55.7	- 0.2	45	2	60.2	88.5	50.5	70.1	8.5	- 1.0	17.0	49	+
Poona	... 1,884	949.7	- 1.5	945.9	91.6	+ 1.1	97	12,27	53.4	- 1.7	44	2	56.1	89.5	51.7	62.7	11.1	- 0.2	7.9	74	+ 1
Sholapur	... 1,570	957.9	- 2.0	953.9	98.6	+ 1.1	100	13	61.4	- 1.8	51	19	66.2	98.0	52.3	63.2	7.4	- 2.6	6.9	36	-
Miraj	... 1,817	949.5	- 2.2	945.4	92.7	+ 2.2	98	13	58.8	- 0.7	50	19	62.9	91.6	55.9	73.7	12.1	- 0.9	20.4	63	+
Bijapur	... 1,950	945.5	- 1.7	942.8	91.4	+ 0.4	96	13,28	62.8	- 1.1	55	3	66.8	90.8	54.6	63.5	9.4	- 3.5	8.2	46	-
Belgaum	... 2,563	925.0	- 1.9	922.3	88.9	+ 0.6	93	12,19	58.1	- 1.2	49	19	61.5	87.0	54.9	62.7	11.9	- 0.4	8.9	66	+
Gadag	... 2,131	939.2	- 1.8	935.9	92.8	+ 2.1	97	12	64.4	- 0.5	60	3,4,20	69.6	91.2	59.7	64.8	13.1	- 1.0	9.5	54	-
Hyderabad, North																					
Aurangabad	... 1,905	947.5	- 1.9	944.1	89.5	+ 0.9	95	27,29	59.3	- 0.3	50	3	64.4	68.0	52.3	64.4	8.3	- 0.7	10.5	42	-
Parbhani	... 1,850	964.3		960.1	91.0		97	28	57.8		45	2	61.5	90.1	53.4	73.2	10.4	.	20.2	56	
Bidar	... 2,178	937.1		934.0	89.1	+ 1.3	95	13	66.0	+ 1.3	59	2	68.7	88.0	58.4	65.1	12.1	- 2.6	11.2	53	-
Nizamabad	... 1,250	968.5	- 2.3	964.9	89.6	- 1.2	96	28	60.6	- 1.4	53	2,3	66.7	89.3	56.8	63.2	11.3	- 2.8	8.0	50	-
Peddapalli	... 755	985.8			91.0		97	18	63.4		56	4	72.7		65.0		17.7			65	
Hyderabad, South																					
Gulbarga	... 1,503	960.0	- 2.3	955.9	98.2	+ 0.9	99	13,28	63.7	- 0.6	57	4	71.5	92.0	57.5	67.5	10.2	- 2.4	12.4	41	- 1
Raichur	... 1,311	966.3	- 2.3	962.6	93.1	+ 1.0	100	13	68.1	- 0.9	63	2,8	71.4	91.6	60.0	66.5	12.5	- 3.1	10.9	48	-
Hyderabad(Begumpet)	... 1,778	951.1	- 1.8	947.4	91.8	+ 2.5	97	28	60.5	- 2.0	52	3	66.4	88.9	61.0	71.0	15.8	- 0.3	18.0	73	+
Hanamkonda	... 881	981.2	- 2.7	977.8	90.9	+ 1.4	97	13	65.1	- 0.8	55	3	68.3	89.7	63.3	65.4	17.6	- 1.4	10.3	74	+
Khammameth	... 867	999.0		994.7	94.1		99	28	66.9		59	2,3	71.7	92.9	66.8	68.7	20.2	.	13.1	76	
Mysore																					
Chitaldrug	... 2,405	930.0	- 1.9	926.5	90.0	+ 0.4	94	5 days	66.7	+ 0.5	60	7	70.4	89.5	61.5	65.0	14.7	- 0.4	10.9	60	+
Hassan	... 3,149	906.6		902.9	88.1	+ 1.1	98	15	61.2	+ 1.7	54	7,8	67.2	85.3	61.1	63.8	15.9	- 0.4	11.6	70	-
Bangalore	... 3,021	910.2	- 2.1	907.0	87.6	+ 2.0	98	11,12,15	63.3	+ 3.3	55	8	67.7	85.3	61.5	61.9	15.9	- 0.3	8.8	71	-
Mysore	... 2,518	926.4	- 2.1	922.6	88.9	0	95	15	65.1	+ 0.9	57	7,8	67.7	88.6	63.6	63.8	18.2	+ 1.0	9.5	79	+ 1
Malabar																					
Mangalore	... 72	1008.3	- 2.3	1005.1	88.1	- 0.1	98	26	72.9	+ 0.4	69	20	75.5	84.7	71.4	76.0	24.5	+ 0.8	26.8	82	+
Calicut	... 27	1009.5	- 2.4	1006.2	89.8	+ 1.3	94	25	74.3	+ 1.3	71	7	77.0	87.4	73.1	78.2	26.0	+ 1.1	28.9	83	+
Palghat	... 819	999.9		995.1	96.0		101	11	73.8		66	8	77.0	98.0	70.7	72.9	22.7	.	18.5	72	
Cochin	... 10	1010.2	- 2.3	1006.5	87.0	0	98	26	76.3	+ 0.8	71	8	78.9	84.7	73.9	76.9	26.3	+ 1.9	27.9	78	+
Alleppey	... 12	1010.0		1006.5	89.7		94	26	75.3		70	6	79.4	85.8	75.7	79.0	28.7	.	30.7	84	
Trivandrum	... 200	1003.0	- 2.6	999.9	89.4		98	24	73.7		67	8,9	76.0	85.2	72.4	76.1	25.6	+ 1.1	26.7	83	+
Madras, Southeast																					
Pamban	... 87	1010.9	- 1.7	1007.2	84.7	- 0.1	87	5 days	75.6	+ 0.6	72	28	79.3	80.7	74.2	75.8	26.6	- 0.2	28.2	78	-
Madura	... 437	996.1	- 2.6	991.9	91.4	+ 1.1	99	15	71.0	+ 1.5	63	7	74.4	89.2	70.4	71.9	23.6	+ 0.4	18.7	81	+
Negapatam	... 31	1010.0	- 2.6	1007.2	83.2	- 1.6	92	15	72.6	- 0.6	67	8	75.0	80.5	72.0	73.9	25.4	+ 0.3	26.5	86	+
Trichinopoly	... 295	1001.7	- 2.3	997.7	92.2	+ 0.1	102	15	71.7	+ 2.4	63	8	76.5	89.8	71.4	72.2	24.0	+ 0.5	19.0	68	- 1
Coimbatore	... 1,341	965.4	- 2.6	961.2	90.9	0	96	16	68.6	+ 2.1	62	6,7,8	71.3	89.0	66.5	69.4	19.9	- 1.3	15.7	77	
Salem	... 913	979.0	- 2.7	975.3	94.2	+ 1.1	101	15	68.8	+ 1.8	60	8	70.8	92.2	66.4	70.2	20.1	- 1.4	15.2	78	+
Cuddalocé	... 39	1010.2	- 2.5	1007.1	84.4	- 0.7	92	14	70.7	+ 0.7	64	8	73.0	81.2	71.5	75.2	25.7	+ 0.5	27.1	93	+
Vellore	... 703	987.4	- 2.2	983.3	90.6	+ 1.7	100	15	67.2	+ 1.0	61	6,7,8	71.1	88.9	67.7	71.4	21.6	+ 0.1	18.3	83	-
Madras	... 67	1009.5	- 2.8	1006.5	87.4	- 0.9	96	15	71.3	+ 2.9	65	6,7,8	74.6	82.5	72.1	73.4	25.8	+ 1.6	24.0	88	+
Madras, Deccan																					
Cuddapah	... 428	996.5	- 2.5	992.0	95.8	+ 1.0	102	15	67.1	- 2.5	62	8	74.8	93.6	66.4	70.2	18.3	- 2.4	14.6	63	-
Bellary	... 1,478	960.6	- 2.4	956.7	98.0	- 0.8	98	12,18	68.1	+ 2.0	62	6	70.8	92.0	60.4	67.1	13.2	- 1.7	11.3	52	-
Kurnool	... 648	979.4	- 2.4	975.0	95.2	+ 1.7	101	12	65.5	- 0.5	58	8	69.9	94.0	60.1	67.3	13.2	- 2.8	10.8	53	-
Rentichintala	... 948	999.5		995.9	95.0	+ 2.6	100	10,18	67.7	- 1.4	62	2	72.4	98.5	65.2	68.0	18.1	- 3.3	11.8	67	-

(R)—Register not received.
*Pressure observations from aerodrome site ($H_b=295$); other observations from cantonment site.

Cloud amount (tenths of sky).			Rainfall, inches.			Number of rainy days (0-10° or more).		Wind velocity, miles per hour.												Wind direction—Number of winds from												STATION.
Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.								18 hrs. I. S. T.													
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52				
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52				
0.7	0.5	0	0	0	0	0	0	0	8.0	2 4 14 7 0 0 0 0 1 17 0 0 0 0 0 0 0 0 0 3 8 0	Konkan																					
0.8	- 0.5	0.7	0	- 0.08	0	0	0	- 0.1	5.9	- 1.1	4 13 9 1 1 0 0 0 0 0 14 0 0 0 0 0 0 0 0 0 0 14 0	Dahanu																				
1.8	+ 0.5	0	0	- 0.03	0	0	0	- 0.2	3.1	- 2.3	1 7 2 1 0 0 0 0 0 0 17 2 0 0 0 0 1 0 0 0 0 0 0 0 0	Bombay																				
2.4	2.7	0	0	0	0	0	0	9.5	9 6 5 1 0 0 0 0 0 0 7 2 0 0 0 0 1 0 0 0 0 1 0 3 22 0	Alibag																						
0.7	0	0.5	0	- 0.04	0	0	0	- 0.1	6.6	+ 0.1	8 8 10 0 0 0 0 0 0 2 0 1 0 0 0 0 0 0 0 0 1 10 16 0	Harnai																				
2.1	1.5	0	0	0	0	0	0	2 6 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 5 21 0	Ratnagiri																							
3.1	2.9	0	0	- 0.06	0	0	0	- 0.1	3.1	0 2 21 4 0 0 0 0 0 1 1 0 0 0 0 0 3 14 10 0	Devgad																					
0.4	0.2	0	0	- 0.11	0	0	0	- 0.4	0	0	0 0 9 0 0 0 0 19 0 0 0 0 0 0 0 0 0 0 0 18 1 0	Marmagao (R)																				
0.8	- 1.1	0.2	0	- 0.09	0	0	0	- 0.2	4.0	- 0.2	1 0 0 0 0 0 0 0 18 0 9 1 8 0 1 0 4 8 4 2	Honavar																				
0.1	- 0.9	0.7	0	- 0.13	0	0	0	- 0.3	2.8	- 2.0	0 0 0 0 0 0 0 0 0 1 27 0 4 0 1 0 2 0 11 10	Bombay Deccan																				
1.1	+ 0.1	0.8	0	- 0.06	0	0	0	- 0.2	2.2	- 2.0	0 0 0 0 0 0 13 0 0 15 1 0 3 1 1 0 6 10 6	Jalgaon																				
1.5	+ 0.4	2.0	0	- 0.13	0	0	0	- 0.3	5.0	- 0.5	4 4 3 2 0 1 0 4 10 7 2 0 2 3 3 2 5 4	Mulegaon																				
0.7	- 0.4	0.9	0	0	0	0	0	0	4.9	+ 0.3	1 2 4 1 1 1 1 4 13 2 0 5 1 1 1 8 6 4	Ahmednagar																				
1.2	+ 1.0	2.0	0	- 0.09	0	0	0	- 0.2	2.3	- 1.1	8 0 3 1 6 1 3 6 0 0 10 1 3 1 2 6 5 0	Poona																				
0.6	- 0.8	0.7	0	- 0.05	0	0	0	- 0.1	3.5	+ 0.6	7 3 14 0 0 1 1 2 0 3 0 8 1 0 1 13 2 0	Sholapur																				
3.4	+ 2.3	3.4	0	- 0.16	0	0	0	- 0.4	4.3	0	1 3 4 2 1 1 4 3 9 1 7 6 2 0 1 3 6 2	Miraj																				
0	- 1.4	0.3	0	- 0.17	0	0	0	- 0.4	6.9	+ 1.5	3 7 6 3 0 1 1 3 4 4 0 4 0 4 0 1 10 8 1	Bijapur																				
1.8	1.8	0	0	- 0.29	0	0	0	- 0.7	6.4	+ 0.2	1 5 2 0 0 3 11 4 2 7 5 1 2 0 1 3 9 0	Belgaum																				
1.1	+ 0.4	1.9	0	- 0.36	0	0	0	- 0.7	6.4	+ 0.2	5 3 4 2 3 4 2 5 0 5 5 2 0 0 5 3 8 0	Gadag																				
0.2	- 0.3	1.3	0	- 0.67	0	0	0	- 1.2	3.2	+ 0.7	1 0 3 1 2 2 0 0 19 5 8 0 0 0 3 1 4 7	Hyderabad, North																				
0.3	0	0	0	0	0	0	0	3.7	0	1 3 1 8 4 7 0 4 0	Aurangabad																					
1.5	- 0.4	0.9	0	- 0.27	0	0	0	- 0.5	5.8	+ 0.4	5 10 4 1 2 0 0 3 3 4 3 4 3 4 3 2 3 2 7 0	Parbhani																				
0.7	+ 0.4	1.6	0	- 0.28	0	0	0	- 0.6	5.7	+ 0.4	1 2 1 8 2 1 3 9 1 1 7 5 7 1 2 0 5 0	Bidar																				
0.7	+ 0.5	1.6	0	- 0.36	0	0	0	- 0.9	4.9	+ 1.1	1 3 6 1 1 0 3 4 9 2 3 8 7 1 0 1 5 1	Nizamabad																				
0.7	- 0.4	2.1	0	- 0.58	0	0	0	- 1.1	5.3	+ 0.4	1 0 0 7 8 1 0 3 8 8 4 1 6 3 0 0 5 1	Peddapalli																				
0.2	1.7	0	0	0	0	0	0	4.5	0	5 0 9 7 1 0 0 0 6 4 0 3 8 4 0 3 0 6	Hyderabad, South																					
0.4	+ 2.4	3.4	0	- 0.11	0	0	0	- 0.2	4.1	+ 0.3	0 0 4 5 0 7 3 0 9 2 6 9 3 0 0 1 5 2	Gulbarga																				
0.3	+ 0.5	3.6	0	- 0.24	0	0	0	- 0.4	3.9	+ 1.0	0 5 4 6 0 3 3 4 0 7 9 4 0 3 3 3 2 0	Raichur																				
0.1	+ 2.8	4.0	0	- 0.26	0	0	0	- 0.4	6.3	+ 1.6	0 2 14 3 0 4 1 1 3 2 3 18 1 1 0 1 2 0	Hyderabad(Begumpet)																				
0.5	+ 2.7	4.5	0	- 0.24	0	0	0	- 0.5	5.5	+ 0.8	0 5 5 2 2 4 4 1 5 4 12 9 1 0 0 1 1 0	Hanamkonda																				
0.8	+ 1.5	2.2	0	- 0.07	0	0	0	- 0.1	5.2	+ 1.5	2 8 18 0 0 0 0 0 0 1 0 0 0 0 0 4 7 16 0	Khammameth																				
0.5	+ 1.9	4.1	5.91	+ 5.72	5.91	17	1	+ 0.7	7.3	+ 1.2	0 8 19 1 0 0 0 0 0 0 0 0 0 0 0 1 11 16 0	Mysore																				
0.1	4.6	0.29	0.29	0.29	0.29	17	1	5.2	0 1 13 5 0 1 4 1 3 0 2 9 5 0 0 7 3 2	Chitaldrug																						
0.0	+ 3.8	5.4	1.88	+ 1.08	1.53	27	3	+ 1.8	7.0	+ 2.2	0 9 13 1 0 0 0 0 0 5 0 0 0 0 0 2 19 7 0	Hassan																				
0.3	5.0	0.37	0.31	0.31	0.31	27	1	6.6	0 6 12 4 0 0 0 0 0 6 0 0 0 0 0 1 11 16 0	Bangalore																						
0.6	+ 1.0	5.9	0.06	- 0.70	0.06	25	0	- 1.3	4.2	+ 0.8	11 10 1 4 0 0 0 2 0 1 0 0 0 0 2 10 10 5 0	Mysore																				
0.2	+ 1.9	4.4	0.44	- 0.42	0.17	26	2	+ 0.6	6.9	+ 0.2	4 12 7 2 2 0 0 1 0 9 13 0 5 1 0 0 0 0 0	Malabar																				
0.4	+ 1.3	4.9	0.51	- 0.02	0.36	25	2	+ 1.3	3.4	- 0.4	4 5 2 0 0 0 0 1 16 0 9 11 0 1 0 0 0 0 7	Mangalore																				
0.7	+ 0.1	4.5	0.88	+ 0.05	0.71	25	2	+ 1.0	9.1	+ 2.4	1 3 2 0 0 1 7 8 6 0 12 11 4 1 0 0 0 0 0	Calicut																				
0.9	+ 1.0	3.6	0.05	- 0.44	0.05	24	0	- 0.6	3.4	+ 0.6	4 7 0 0 2 0 0 0 0 15 0 11 8 1 1 1 0 0 6	Palghat																				
0.1	+ 1.3	4.9	0.03	- 0.33	0.03	25	0	- 0.5	0.2	- 2.4	0 0 0 0 0 0 0 0 0 23 0 0 3 2 1 1 0 0 21	Cochin																				
0.0	+ 1.9	3.4	0	- 0.33	0	0	0	- 0.6	6.3	+ 1.8	0 12 11 1 0 1 1 0 2 0 5 12 3 1 4 3 0 0 0	Alleppey																				
0.0	+ 1.3	5.1	0.01	- 0.89	0.01	24	0	- 1.2	6.2	+ 2.5	3 1 0 0 1 3 3 16 1 0 6 12 10 0 0 0 0 0	Trivandrum																				
0.7	+ 1.7	3.1	0	- 0.25	0	0	0	- 0.6	3.6	+ 0.9	0 0 0 1 0 0 1 1 25 1 5 9 8 2 1 0 0 0 2	Madras, Southeast																				
0.5	+ 1.7	3.4	0	- 0.41	0	0	0	- 0.7	8.5	- 1.0	3 3 0 1 2 5 6 8 0 2 10 6 9 1 0 0 0 0 0	Coimbatore																				
0.6	+ 0.9	2.6	0	- 0.12	0	0	0	- 0.2	6.6	- 1.4	0 0 4 7 0 0 0 0 0 17 2 0 22 0 0 0 0 0 4	Salem																				
0.4	+ 0.7	2.8	0	- 0.18	0	0	0	- 0.3	3.4	+ 0.5	1 0 0 1 1 0 1 4 20 3 1 5 6 5 0 0 0 3 5	Cuddalore																				
2	+ 0.8	2.0	0	- 0.28	0	0	0	- 0.5	3.5	0	1 3 1 2 1 4 2 0 14 3 6 6 3 1 1 3 3 2 0	Vellore																				
0	- 0.6	2.3	0	- 0.58	0	0	0	- 1.3	4.1	- 0.8	0 0 5 3 2 3 1 2 12 4 6 4 8 1 2 0 0 3 0	Madras, Deccan																				
7	+ 1.7	3.1	0	- 0.25	0	0	0	- 0.6	3.6	+ 0.9	0 0 0 1 0 0 1 0 25 1 5 9 8 2 1 0 0 0 2	Cuddapah																				
5	+ 1.7	3.4	0	- 0.41	0	0	0	- 0.7	8.5	- 1.0	3 3 0 1 2 5 6 8 0 2 10 6 9 1 0 0 0 0 0	Bellary																				
6	+ 0.9	2.6	0	- 0.12	0	0	0	- 0.2	6.6	- 1.4	0 0 4 7 0 0 0 0 0 17 2 0 22 0 0 0 0 0 4	Kurnool																				
2	+ 0.8	2.0	0	- 0.28	0	0	0	- 0.5	3.5	0	1 3 1 2 1 4 2 0 14 3 6 6 3 1 1 3 3 2 0	Rentichintala																				

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.)

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.			Maximum temperature °F.			Minimum temperature °F.			Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %						
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Madras Coast,																							
North Nellore	... 66	1009.9	-1.9	1006.8	90.7	+ 1.8	97	11	70.4	+ 0.6	66	6, 7, 8	72.7	86.4	70.7	74.2	24.7	+ 0.8	23.4	90	+ 6	54	
Ongole (R)	...																						
Masulipatam	... 10	1011.5	-2.7	1008.3	86.5	+ 0.4	93	11	70.1	+ 1.5	66	8	73.8	82.9	71.2	74.8	25.0	+ 0.1	25.8	88	+ 4	68	
Cocanada	... 26	1011.0	-2.7	1007.7	84.0	- 1.6	92	11	70.0	+ 0.3	67	5, 6, 23	78.6	82.7	70.1	74.6	28.6	+ 0.7	25.6	83	+ 5	68	
Vizagapatam	... 126	1007.6	-2.6	1004.5	83.1	- 0.4	87	10	70.5	- 0.1	65	5	74.7	80.1	69.5	72.9	22.4	+ 0.1	24.5	76	0	69	
Calingapatam	... 19	1011.1	-2.9	1008.1	85.0	- 1.4	92	24	68.0	+ 0.2	61	5	71.6	80.5	67.8	73.1	21.4	- 0.8	24.4	82	0	69	
Hill Stations, ex- cluding Kashmir and Baluchistan																							
Shillong	... 4,921	848.1	-3.0	845.8	61.1	- 1.4	65	6 days	39.5	- 2.9	31	16	52.9	53.0	42.7	45.6	5.5	- 3.4	7.5	39	- 25	56	
Cherrapunji	... 4,309	867.8	-2.5	866.1	59.5	- 2.7	64	20, 28	45.7	- 2.8	36	3	54.3	54.5	45.4	47.9	6.8	- 3.1	8.8	47	- 16	61	
Ajai	... 3,599	890.1		887.8	69.1		75	2	49.6		42	16	57.8	63.1	50.5	53.7	9.6		10.4	60		54	
Darjiling	... 7,432				47.1	- 0.7	52	5 days	33.1	- 3.5	30	2, 17	40.3	39.1	37.0	37.2	6.2	- 1.1	6.8	76	- 3	86	
Kalimpong	... 8,965	876.3	-4.8	875.7	59.6	- 1.7	66	26, 27	41.8	- 6.5	39	5 days	51.3	53.6	48.2	50.6	10.4	- 0.2	11.4	90	+ 4	81	
Katmandu	... 4,398	867.4		865.2	67.0	- 1.2	74	28	36.0	- 3.9	31	15	89.3	62.7	38.7	54.2	7.8	- 0.9	11.0	95	+ 7	56	
Muktesar	... 7,592	767.5	-4.3	766.7	51.0	+ 0.5	60	25, 26, 27	34.5	- 1.3	27	14	88.2	47.0	30.7	37.1	3.4	- 1.2	4.0	44	- 13	39	
Mussooree	... 6,602	793.6		792.9	52.0	+ 1.5	66	27	35.3	- 2.4	28	14	41.3	46.4	33.2	38.6	3.6	- 2.3	5.1	42	- 26	50	
Simla	... 7,224	778.5	-1.9	777.9	48.5	- 0.3	59	26	35.0	- 1.1	28	14, 15	35.0	44.6	32.9	36.2	7.7	+ 3.5	7.7	54	+ 5	44	
Murree	... 7,113	780.5	-2.6	779.9	45.0	- 1.7	51	28	29.2	- 1.9	24	14, 19	32.2	41.6	29.2	37.3	4.5	- 0.2	6.0	73	+ 9	61	
Wana	... 4,456	860.6		858.9	58.1	0	67	22, 24	29.7	- 2.8	23	6	34.1	57.2	30.9	46.7	4.8	- 0.7	6.7	70	- 9	45	
Cherat	... 4,272	867.9	-2.8	867.4	52.7	+ 0.8	62	23	39.9	- 0.8	34	7, 15	42.8	51.4	33.3	39.2	2.8	- 2.4	3.5	29	- 30	21	
Parachinar	... 5,673				53.7	+ 1.9	62	24	28.2	- 3.1	24	4 days	21.2	50.0	29.0	40.3	4.8	- 0.1	5.1	76	+ 5	41	
Drosh (R)	... 4,700																						
Abu	... 3,945	879.9	-2.1	878.8	68.4	+ 0.4	79	25, 26	51.6	- 1.5	40	2	55.2	65.9	43.9	50.3	5.3	- 0.9	6.3	37	- 9	31	
Pachmarhi	... 3,528	894.4	-1.8	892.9	74.5	- 0.8	83	27	49.1	- 1.6	40	4	56.0	73.3	46.8	55.3	7.3	- 2.2	7.8	49	- 6	2	
Mahabaleshwar	... 4,534	865.0	+0.6	861.4	60.2	+ 2.9	85	12	58.4	+ 0.2	48	1	61.5	76.7	48.7	59.2	6.6	- 1.7	10.2	35	- 15	3	
Mercara	... 3,781	885.8	-1.6	883.8	63.6	+ 3.0	87	23	52.3	- 6.7	50	4 days	66.8	78.6	64.1	76.4	19.2	+ 3.7	29.9	85	+ 8	9	
Ootacamund	... 7,864	780.1	-1.1	778.6	69.8	+ 2.8	80	10	45.2	+ 1.3	98	8	49.2	65.3	45.3	57.8	8.8	+ 0.8	13.5	75	+ 6	6	
Coonoor	... 5,730	827.1			72.0	+ 2.2	80	15	51.9	+ 2.8	44	8	59.2		53.6		11.9	+ 1.1		73	+ 8		
Kodaikanal	... 7,688	771.2	-0.8	769.9	65.5	+ 1.4	73	9, 10	49.3	+ 1.9	45	5	52.6	60.3	46.0	53.2	8.2	+ 0.5	11.2	63	+ 8	6	
Ceylon																							
Colombo	... 24	1009.6	-2.1	1006.5	87.9	- 0.1	93	5	72.6	+ 0.4	68	4	74.9	83.1	72.0	74.8	25.4	0	25.6	86	- 2	6	
Trincomalee	... 24	1009.9	-2.2	1007.3	82.8	- 2.7	90	15	74.6	- 0.4	71	2, 3, 7	76.8	80.3	73.5	74.3	25.7	- 0.6	26.2	85	+ 1	7	
Hambantota	... 61	1007.4	-2.6	1004.9	85.1	- 0.8	89	4	72.8	+ 0.5	69	5	74.4	82.6	71.9	76.3	25.6	+ 0.9	28.0	88	+ 1	7	
Nuwara Eliya	... 6,170	813.7	-1.9	812.3	72.0	+ 2.2	76	7	43.8	- 0.8	35	6	51.3	64.6	47.5	55.6	9.3	- 1.9	11.3	76	- 11	5	
Afghanistan																							
Jalalabad	... 1,950	946.2			944.2	64.2		72	24	37.2		29	2	43.7	62.5	42.2		8.5					
Kabul	... 5,955	819.5		818.3	37.6	- 4.6	46	27	12.8	- 11.2	- 1	2	19.0	34.8	17.2	30.5	2.6	- 0.6	4.2	75	0	6	
Kandahar	... 3,462	904.6		902.8	61.1		78	25	31.8		24	6, 7	35.9	59.8	33.1	47.5	5.2		6.8	78			

(R)—Register not received.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from												STATION									
Mean 9 hrs. I.S.T.	Departure from normal.	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.						18 hrs. I. S. T.						STATION									
											N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm				
24	95	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	58			
5.8	+2.8	3.5	0	-0.24	0		0	-0.5	3.7	+0.4	3	1	0	1	4	4	0	3	12	0	4	10	11	3	0	0	0	0	0	Madras Coast, North Nellore		
2.6	0	1.0	0	-0.53	0		0	-0.6	5.1	+1.3	6	7	0	2	3	1	1	2	6	0	0	3	10	15	0	0	0	0	0	Ongole (R)		
1.4	-1.9	0.4	0	-0.32	0		0	-0.6	7.0	+2.3	8	4	0	0	0	5	1	5	5	0	0	1	21	1	5	0	0	0	0	0	Masulipatam	
1.5	-1.6	1.6	0	-0.94	0		0	-1.1	3.8	+0.6	6	1	0	1	1	3	6	2	8	0	1	6	6	15	0	0	0	0	0	Cocanada		
4.4	+2.1	3.8	0	-0.61	0		0	-1.3	8.1	+3.1	14	0	0	0	0	0	0	14	0	0	1	2	9	12	4	0	0	0	0	0	Vizagapatam	
																													Calingapatam			
1.3	-1.3	4.6	0.75	-0.31	0.65	2	1	-1.8	3.3	+1.0	0	0	0	0	1	10	2	0	15	1	0	0	0	0	0	7	1	0	19	Hill Stations, excluding Kashmir and Baluchistan		
2.0	-1.1	3.2	1.92	-0.19	1.12	18	3	-0.5	8.0	+3.0	0	5	2	2	1	11	6	1	0	0	1	2	0	3	20	2	0	0	0	0	Shillong	
2.9	2.1	1.24	0.88		11	2		6.2			0	1	10	0	2	9	1	1	4	1	0	0	0	0	1	14	9	1	2	Aijal		
5.0	+0.2	7.0	0.50	-0.69	0.50	2	1	-1.6	6.0	+1.9	0	0	14	0	0	2	5	0	5	0	0	0	0	0	0	1	11	0	13	Darjiling		
1.9	-1.7	4.3	0.72	-0.41	0.72	2	1	-2.0	6.4	-0.5	0	0	1	6	0	0	0	21	0	0	0	0	27	0	0	0	1	0	Kalimpong			
6.7	+1.3	2.8	0.22	-1.45	0.22	2	1	-4.5	1.2	-0.1	0	0	0	0	0	0	0	28	1	0	0	0	0	0	0	1	11	5	10	Katmandu		
2.4	-1.5	2.9	0	-2.53	0		0	-4.7	9.2	+3.4	2	4	4	1	0	0	10	7	0	0	0	0	0	0	0	6	18	4	0	Muktesar		
3.8	-0.9	4.1	0.04	-3.97	0.04	2	0	-5.2	5.0	+0.5	6	2	3	2	1	0	2	7	5	1	0	1	3	7	11	1	2	2	2	2	Mussoree	
3.6	-0.9	4.2	0.18	-2.74	0.08	2	0	-5.7	2.5	-1.2	3	11	2	5	4	1	0	0	2	2	3	1	3	7	7	0	4	1	1	1	1	Simla
3.1	-1.7	3.4	0.08	-4.23	0.08	27	0	-6.4	8.4	+2.3	2	5	7	8	1	0	2	2	1	1	2	5	8	1	2	2	5	2	2	Murree		
3.1	-0.4	2.5	0.45	-1.03	0.26	16	2	-1.6	3.9		1	0	0	2	1	2	4	4	14	1	0	2	8	0	8	7	2	0	Wana			
2.3	-2.1	2.1	0	-3.21	0		0	-4.7	10.9	+1.5	23	0	0	2	1	0	0	1	1	9	0	0	1	1	1	0	1	15	Cherat			
3.0	-1.2	3.9	1.21	-1.42	0.60	27	5	-0.4	3.9	+1.6	21	0	1	0	0	0	3	1	2	1	1	4	6	5	5	3	2	1	Parachinar			
0.5	-1.6	0.9	0	-0.23	0		0	-0.6	4.5	+0.1	3	2	0	0	1	0	6	3	13	4	2	0	0	5	10	4	2	1	Drosh (R)			
0.8	-1.3	1.3	0	-0.67	0		0	-1.5	3.1	0	1	2	3	1	1	1	7	5	7	8	1	0	0	1	1	10	7	0	0	Pachmarhi		
1.0	+0.3	0.6	0	-0.10	0		0	-0.1	5.1	-0.7	0	14	0	7	0	0	0	7	0	0	4	0	3	0	4	0	17	0	Mahabaleshwar			
3.0	-0.6	2.6	0	-0.24	0		0	-0.5	5.3	+2.0	0	3	3	1	0	3	11	7	0	0	1	1	1	0	1	13	11	0	0	Meroara		
3.6	+1.4	4.1	0.17	-0.34	0.17	25	1	-0.1	1.2	-1.6	1	1	1	0	0	0	0	0	22	3	8	3	0	1	0	0	0	0	13	Ootacamund		
6.0	+3.2	0.81	-2.05	0.81	25	1	-1.7	4.5	+1.2	4	4	2	3	2	0	0	0	18											Coonoor			
4.7	+2.5	5.9	1.98	+0.45	1.51	25	2	-0.4	8.1	+0.3	11	10	1	4	0	0	0	1	1	9	5	1	1	1	0	1	7	3	Kodaikanal			
5.6	+1.1	5.9	0.43	-1.75	0.43	24	1	-2.5			1	11	10	0	0	0	0	0	6	3	0	0	0	0	2	8	15	0	Ceylon Colombo			
5.6	+1.4	5.2	2.46	+0.12	1.49	22	3	+0.1			5	5	5	3	1	3	5	1	0	7	13	8	1	0	0	0	0	0	0	0	Trincomalee	
6.0	+2.5	6.8	1.06	-0.53	0.55	25	2	-0.9			24	3	0	0	0	0	0	1	0	0	0	13	10	2	3	0	0	0	0	0	Hambantota	
5.9	+1.8	7.1	1.13	-1.84	0.60	9	2	-3.6																							Nuwara Eliya	
4.0	4.4	0.07		0.07	26	0		4.3			2	0	1	0	0	0	14	10	1	0	3	1	0	2	0	5	11	6	Afghanistan			
3.4	-2.0	4.4	1.78	+0.29	0.97	26	4	+0.6	5.1	+1.6	2	1	1	1	5	6	5	3	4	0	0	0	2	5	5	2	4	10	Jalalabad			
3.8	3.9	0.32		0.22	16	1		2.9			0	14	0	1	0	2	0	0	11	0	2	0	0	0	24	1	0	1	Kandahar			

(R)—Register not received.

*—Mean of 25 days.

TABLE III—ABSTRACT OF OBSERVATIONS RECORDED

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %					
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22				
Iran																									
Charbar (R)	25																								
Jask	13	1014.0		1012.3	75.0	- 0.4	78	27	61.9	+ 0.1	56	1	64.2	73.8	58.6	64.7	14.4	- 1.7	16.8	70	- 4				
Bandar Abbas (R)	29																								
Bushire	14					63.5	- 2.2	77	24	49.9	- 3.2	43	1	56.9	62.9	54.3	59.1	13.3	+ 0.2	15.3	84	+ 4			
Ispahan (R)	5,817					46.0	- 2.5	62	20	26.5	- 0.9	19	5,26	31.3	42.8	29.5	37.4	4.8	- 0.6	5.5	83	+ 2			
Mesched	3,104	899.0		896.9																					
Seistan	...	961.9		960.6																					
Arabia																									
Bahrain	12	1015.6		1014.4	66.5	- 3.4	74	24	59.9	+ 1.1	50	1	60.3	65.3	57.8	61.2	15.2	- 0.8	16.7	86	+ 3				
Muscat	15																								
Sharjah	18	1014.9		1013.1	72.6	- 3.0	83	25	54.7	- 1.7	50	18, 19	56.6	71.9	58.9	62.9	13.0	- 0.7	15.5	84	+ 7				

(R)—Register not received.

j—Mean of 31 days.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 4TH CLASS STATIONS—FEBRUARY 1

STATION.	Maximum temperature °F.				Minimum temperature °F.				Vapour pressure millibars.				Relative Humidity %		Rainfall, inches.						Number of rainy days (0.10" or more).		Wind	
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean dry bulb temperature 9 hrs. I. S. T. °F.	Mean wet bulb temperature 9 hrs. I. S. T. °F.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.	Departure from normal.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
Assam																								
Lumding	78.7	+ 1.6	83	28	51.6	+ 1.3	47	16, 25	52.3	51.0	12.1	- 2.8	90	0	0.80	- 0.50	0.71	2	1	- 2.0				
Bengal																								
Pabna	82.8	- 0.7	89	28	51.9	- 3.9	46	3, 4, 25	61.1	56.9	13.2	- 2.6	71	- 3	0.93	- 0.03	0.47	13	2	+ 0.1				
Kashmir																								
Jammu	70.6	+ 2.0	79	28	49.1	- 2.1	44	5 days	51.9	45.5	7.5	- 2.0	59	- 10	8.5	0	- 2.43	0	0	- 3.7	N 22 W			
Kargil	21.5	- 8.2	32	28	0.9	- 8.6	- 8	4 days	6.8	4.8	1.8	- 0.9	56	- 22	4.2	1.65	+ 0.32	0.60	27	4	+ 0.9	S 34 E		
Mysore																								
Balehonnur	85.5	+ 1.2	89	15, 16, 28	61.1	+ 1.0	53	20	66.9	63.2	18.1	+ 1.2	80	- 3	0	- 0.06	0	0	- 0.2					
Tibet																								
Yatung (Chumbi)	43.0	- 2.2	52	9	17.9	- 3.8	13	19	26.6	25.6	4.4	+ 0.7	90	+ 5	6.2	1.82	- 0.83	0.44	2	4	+ 0.1			
Iran																								
Zahidan	62.0	+ 0.9	81	25	36.1	+ 1.1	24	1	48.7	38.9	4.2	- 3.6	40	- 33	1.7	0	- 0.58	0	0	- 2.0	S 56 W			

Mean Cloud amount (tenths of sky). 4 hrs. G. M. T.	Departure from normal. Mean 12 hrs. G. M. T.	Rainfall, inches.				Number of rainy days (0-10° or more).	Wind velocity, miles per hour.	Wind direction—Number of winds from																		STATION.			
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.			4 hrs. G. M. T.									12 hrs. G. M. T.												
								Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
2.6	- 0.4	2.4	0	- 0.96	0		0	- 1.8	7.0	- 2.0	7	9	2	0	0	0	2	7	1	1	0	1	2	1	15	8	0	0	Iran
1.5	- 1.8	3.3	1.02	- 0.77	0.80	8	3	- 0.4	9.8	+ 2.0	11	6	1	1	0	0	0	4	5	6	2	0	2	3	0	0	15	0	Charbar (R)
3.6	+ 0.6	5.9	0.98	- 0.40	0.86	25	3	- 0.3	2.0	+ 0.4	1	0	3	2	0	0	1	0	21	2	0	2	2	0	0	0	0	0	Bandar Abbas (R)
2.5	- 0.8	2.6	0	- 0.44	0		0	- 1.5			0	0	0	0	0	0	0	7	14	0	0	0	0	0	0	0	3	Mashad	
3.2	- 0.7	4.4	0.07	- 0.63	0.04	4	0	- 1.9	6.8	- 2.6	5	1	1	1	2	0	0	11	7	5	2	1	3	2	0	0	15	0	Seistan
0.5	- 2.1	0.6	0	- 0.71	0		0	- 1.4	4.8	+ 0.1	1	0	1	0	0	0	4	8	14	1	1	9	0	0	0	1	14	2	Arabia
2.0	- 1.9	2.9	0	- 1.00	0		0	- 1.7			0	1	7	11	4	2	2	1	0	4	0	1	0	0	0	1	14	8	Bahrain
																													Muscat
																													Sharjah

(R)—Register not received.

(M)—Mean of 31 days.

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 5TH CLASS STATIONS—FEBRUARY 1945

DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0-10° or more).	DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0-10° or more).		
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.		DIVISION.	STATION.	Total in the month.	Departure from normal.	Total of the month.	Departure from normal.			
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
Assam	Mawsynram (R)	...						Baluchistan	Harnai	...	0	- 1.33	0	0	- 2.4
Bengal	Bankura	0.92	- 0.22	0.48	2	2	- 0.1	Rajputana, East...	Udaipur	...	0	- 0.14	0	0	- 0.5
	Rajshahi	0.73	+ 0.04	0.73	2	1	- 0.7	Bombay Deccan ...	Khandala	...	0	- 0.12	0	0	- 0.3
	Sirajganj	0.07	- 0.67	0.07	2	0	- 1.7	Madras Southeast.	Palamcottah	...	0.30	- 0.87	0.90	26	1 - 0.7
	Rangpur	0.97	+ 0.27	0.65	2	2	+ 0.7	Madras Deccan ...	Anantapur	...	0	- 0.90	0	0	- 0.4
	Cooch Behar	0.60	- 0.21	0.60	2	1	- 0.8	Sikkim	Lachung	...	5.41	+ 2.72	1.15	7	15 + 7.8
Bihar	Muzaffarpur	0.41	- 0.16	0.24	1	2	+ 0.3								
	Chapra	0.49	- 0.19	0.25	1	2	+ 0.4								
	Arrah	2.00	+ 1.17	1.41	2	2	+ 0.4								
	Dehri	1.24	+ 0.40	0.89	2	2	+ 0.2								
United Provinces West.	Meerut	0	- 1.02	0		0	- 2.2								
Punjab, East and North.	Dharampore (R)	...													
	Kyelang	2.47	- 0.07	0.90	28	5	- 0.8								
	Dalhousie	0.44	- 6.21	0.44	28	1	- 7.5								
Kashmir	Sonamarg	8.05	- 1.28	2.93	26	11	+ 1.1								
	Gurez	8.70	+ 1.13	3.97	26	10	+ 0.1								

INDIA WEATHER REVIEW, 1945

Monthly Weather Report

March

Published by authority of the Government of India

Chief Features.—(1) Western disturbances were generally weak.

(2) Rainfall over the country was in large defect except in Assam, the Punjab and Kashmir.

Nine western disturbances passed across the country of which only the first was moderately active. This disturbance affected northwest India on the 2nd and gave rise to a large number of dust- or thunderstorms there on that day and widespread precipitation in the North-West Frontier Province, Kashmir and the hills of the Punjab and of the United Provinces that night. It then passed away after causing a few falls of rain or snow in the extreme north of the country on the 3rd and 4th. In the wake of the above disturbance a cold wave appeared over northwest India on the 4th and advanced eastwards to Bengal and southwards to the north Deccan on the 7th, causing considerable fall of temperature in upper India. Both day and night temperatures were 10°-15° below normal in northwest India between the 4th and 7th, and the night temperatures remained below normal from Baluchistan to Bengal between the 6th and 10th.

The second disturbance was feeble and caused only light precipitation in the extreme north of the country on the 8th. This was followed by two relatively active disturbances which caused local to fairly widespread precipitation in Kashmir and the Punjab-United Provinces hills between the 10th and 14th. During this period local thundershowers occurred in Bihar and Bengal on the 11th and 12th and in Assam on the 12th, and a few showers in the extreme south of the Peninsula between the 9th and 14th.

The fifth western disturbance affected Kashmir on the 15th and induced a low pressure area over Baluchistan and the Punjab on the next day. This deepened and extended to Bihar by the 19th and later became important by the 21st. It caused local precipitation in Kashmir, the North-West Frontier Province and the Punjab hills, and local dust- or thunderstorms in the plains of the Punjab and Rajputana between the 17th and 19th. In northeast India widespread thundershowers occurred in Assam on the 17th and 18th.

The next three disturbances were feeble and passed across the extreme north of the country during the fourth week, causing a few showers there. The rest of the country was generally dry during this period and day temperatures remained 4°-8° above normal in northern India. The ninth and last disturbance was relatively more active and affected the northwest frontier towards the end of the month and caused local precipitation in the North-West Frontier Province and Kashmir on the 31st.

Weather was slightly unsettled in the southwest Bay of Bengal and Comorin on the last two days of the month, and local to fairly widespread thundershowers occurred in southeast Madras on the 30th and 31st.

The total rainfall of the month was in large defect over the country except in Assam and the Punjab where it was normal, and in Kashmir where it was in moderate excess. Averaged over the plains of India, the rainfall was in defect by 60 per cent.

After the first week's cold wave in upper India, day temperatures rose above normal in northwest India on the 9th; they continued to be generally above normal there and in the central parts of the country except for brief interruptions during the rest of the month. Occasionally higher temperatures than usual were also experienced in the United Provinces. On the mean of the month the maximum temperature was above normal in Chota Nagpur, the west United Provinces, generally in northwest India, in east Central India, the Central Provinces and the Konkan. The mean minimum temperature was below normal in east Central India and Berar.

Relative humidity was in defect in Berar, the Central Provinces and north Hyderabad, and in excess on the north Madras coast.

Cloud amount was generally in defect over the country except in Assam, Bengal, Malabar, the north Madras coast, the Punjab, the North-West Frontier Province and Baluchistan where it was normal.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 31 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

N.B.—The Indian Standard Time used in this publication is 6 Hrs. 30 Mins. in advance of G. M. T.

Poona No. 5: }
The 26th June 1945. }

K. R. RAMANATHAN,
for Director-General of Observatories.

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS—MARCH 1945

	RAINFALL.					DEPARTURE FROM NORMAL OF						RAINFALL.					DEPARTURE FROM NORMAL OF					
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.		Maximum temperature.	Minimum temperature.	9 hrs. I. S. T.				Actual.	Normal.	Departure from normal.	Percentage departure from normal.		Maximum temperature.	Minimum temperature.	9 hrs. I. S. T.			
								Vapour pressure.	Relative humidity.	Cloud.												
1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11	
Division	*	*	*	*	*	*	*	mb.	%	*	Division—contd.	*	*	*	*	*	*	*	mb.	%	*	
1. Assam	3.08	3.08	0	0	+1.0	+1.4	+0.1	+3	0	9. Rajputana	0.04	0.22	-0.18	-82	+3.6	+0.8	-1.0	-4	-1.4	-4	-1.4	
2. Bengal	0.51	1.57	-1.06	-68	+1.5	+1.2	-0.1	+1	-0.3	10. Bombay	0	0.11	-0.11	-100	+2.0	+0.2	-1.2	-1	-0.7	-1	-0.7	
3. Orissa	0	0.98	-0.98	-100	+1.2	+0.2	-0.3	0	-1.1	11. Central India	0	0.86	-0.96	-100	+2.2	-0.8	-2.0	-2	-1.3	-2	-1.3	
4. Bihar	0.08	0.61	-0.58	-95	+2.0	+0.4	-0.4	0	-0.8	12. Central Provinces and Berar.	0	0.57	-0.57	-100	+1.9	-1.2	-2.7	-7	-1.2	-7	-1.2	
5. United Provinces	0.16	0.50	-0.34	-68	+1.9	+0.5	-0.8	0	-0.6	13. Hyderabad	0	0.34	-0.34	-100	+1.2	+0.8	-0.8	-4	-1.5	-4	-1.5	
6. Punjab	0.88	0.88	-0.05	-6	+2.1	+0.3	-0.1	+4	-0.2	14. Mysore	0	0.54	-0.54	-100	+0.5	+1.2	+0.4	+5	-0.6	-5	-0.6	
7. North-West Frontier Province	0.53	1.88	-1.35	-72	+1.7	-0.7	-0.1	-1	-0.7	15. Madras	0.16	0.55	-0.99	-71	-0.1	+0.1	-0.1	+2	-0.6	-2	-0.6	
8. Sind	0	0.22	-0.22	-100	+2.8	+0.2	+0.8	+5	-0.5	Mean of India	0.27	0.67	-0.40	-60	+1.8	+0.2	-0.7	-1	-0.8	-1	-0.8	
Sub-division										Sub-division—contd.												
1. Bay Islands	...									18. Central India, West.	0	0.26	-0.26	-100	+1.6	+0.1	-1.6	-1	-1.0	-1	-1.0	
2. Assam	3.08	3.08	0	0	+1.0	+1.4	+0.1	+3	0	19. Do. do. East.	0	0.48	-0.48	-100	+3.1	-2.0	-2.5	-4	-1.8	-4	-1.8	
3. Bengal	0.51	1.57	-1.06	-68	+1.5	+1.2	-0.1	+1	-0.3	20. Berar	—	...	0	0.35	-0.35	-100	+1.1	-2.1	-3.4	-7	-1.5	
4. Orissa	0	0.98	-0.98	-100	+1.2	+0.2	-0.3	0	-1.1	21. Central Provinces, West.	0	0.45	-0.45	-100	+2.2	-1.4	-2.5	-7	-1.3	-7	-1.3	
5. Chota Nagpur	0.04	0.88	-0.84	-95	+2.6	0	-0.7	-1	-0.6	22. Do. do. East.	0	0.79	-0.79	-100	+1.9	-0.5	-2.5	-7	-0.9	-7	-0.9	
6. Bihar	0.08	0.43	-0.40	-93	+1.2	+0.9	0	+2	-1.0	23. Konkan	...	0	0.04	-0.04	-100	+2.7	+0.7	+0.7	+4	-0.8	+4	-0.8
7. United Provinces, East.	0.11	0.36	-0.25	-69	+1.3	+0.6	+0.7	+3	-0.6	24. Bombay Deccan...	0	0.19	-0.19	-100	+1.7	+0.2	-1.6	-3	-0.8	-3	-0.8	
8. Do. do. West.	0.20	0.64	-0.44	-69	+2.6	+0.3	-1.3	-3	-0.6	25. Hyderabad, North	0	0.32	-0.32	-100	+0.9	+0.6	-0.9	-7	-1.6	-7	-1.6	
9. Punjab, East and North.	1.16	1.23	-0.07	-6	+2.2	+0.5	-0.1	+3	0	26. Do. South	0	0.36	-0.36	-100	+1.5	+0.9	-0.7	-3	-1.5	-3	-1.5	
10. Do. Southwest.	0.50	0.53	-0.03	-6	+2.0	0	-0.1	+4	-0.3	27. Mysore	...	0	0.54	-0.54	-100	+0.5	+1.2	+0.4	+5	-0.6	+5	-0.6
11. Kashmir	3.33	2.46	+0.87	+35	-3.6	+0.4	-0.8	+1	+1.1	28. Malabar	...	0.44	1.11	-0.67	-60	+1.1	+1.0	+1.5	+2	+0.8	+2	+0.8
12. North-West Frontier Province.	0.53	1.88	-1.35	-72	+1.7	-0.7	-0.1	-1	-0.7	29. Madras, Southeast	0.22	0.59	-0.37	-63	-0.7	+0.4	-0.8	+2	-0.7	+2	-0.7	
13. Baluchistan	0.16	0.87	-0.71	-82	+5.6	+1.1	-0.4	-3	+0.1	30. Do. Deccan...	0	0.17	-0.17	-100	+0.7	-1.7	-1.8	-4	-1.8	-4	-1.8	
14. Sind	0	0.22	-0.22	-100	+2.8	+0.2	+0.8	+5	-0.5	31. Do. Coast, North	0	0.40	-0.40	-100	-0.5	+0.6	+1.1	+7	-0.2	+7	-0.2	
15. Rajputana, West.	0.07	0.25	-0.18	-72	+4.7	+0.6	-1.3	-5	-1.3													
16. Rajputana, East.	0	0.20	-0.20	-100	+2.8	+0.9	-0.8	-2	-1.5													
17. Gujarat	0	0.07	-0.07	-100	+1.9	+0.1	-1.4	-2	-0.7													

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relati humid. %		
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Bay Islands																					
Port Blair	261																				
Assam																					
Dibrugarh	948	1002.3	+ 1.1	998.1	80.8	+ 1.9	90	29	60.6	- 0.2	55	15	68.3	75.8	63.4	67.1	17.6	- 0.6	18.8	76	- 8
Sibsagar (R)	817																				
Tezpur	258	1005.0	+ 0.9	1000.2	85.1	+ 1.6	93	29	62.9	+ 0.6	56	1	69.5	80.8	64.5	68.3	18.5	+ 0.7	17.9	75	+ 1
Gauhati	182	1007.0	+ 1.0	1002.3	89.5	+ 3.6	94	29	62.4	+ 2.2	53	7	68.7	84.9	63.7	67.6	17.9	+ 0.8	15.1	76	+ 8
Dhubri	115	1008.7	+ 0.6	1004.3	85.8	- 0.2	94	22,28,29	63.8	+ 0.6	56	7,8,11	68.9	83.7	63.8	68.3	17.9	+ 0.5	16.6	74	+ 6
Silchar	96	1010.2	+ 0.4	1005.8	86.8	+ 0.3	92	25,29,31	64.4	+ 1.4	57	11	69.2	83.2	65.4	70.1	19.6	- 0.8	19.2	81	+ 6
Srimangal	69	1010.9	+ 0.8	1006.5	88.3	- 1.9	96	30	62.2	+ 0.7	49	11	70.8	83.2	67.3	72.3	21.3	+ 0.5	22.0	83	+ 6
Bengal																					
Cox's Bazar	88	1012.6	+ 1.4	1009.0	87.9	+ 1.0	95	7	66.3	+ 1.9	58	11	78.1	80.4	70.9	73.4	22.7	- 1.7	24.9	69	- 1
Chittagong	87	1010.4	+ 0.7	1006.7	88.3	+ 1.2	95	28	67.8	+ 0.6	61	9	75.3	81.7	68.3	72.0	20.5	- 2.6	22.5	69	- 1
Noakhali	22	1012.2	+ 0.6	1008.8	87.3	+ 0.7	95	28	70.7	+ 0.2	55	8	75.9	84.4	72.2	76.5	25.4	+ 0.1	27.5	88	+ 1
Comilla	29	1012.0	+ 0.8	1007.8	91.7	+ 2.0	100	29	68.7	+ 1.6	56	10	79.9	89.1	69.1	72.0	22.0	- 2.1	19.5	77	+ 1
Brahmanbaria	82	1011.9		1007.7	91.2	+ 1.2	100	29	67.3	+ 3.8	54	8	74.4	87.7	69.8	70.7	22.2	+ 1.1	17.9	77	+ 1
Narayanganj	96	1011.8	+ 0.6	1007.5	91.6	+ 1.8	100	26	69.8	+ 1.7	57	8	75.6	87.5	69.9	71.9	23.8	+ 0.7	19.4	74	- 1
Mymensingh	62	1011.2	+ 1.0	1006.6	90.0	+ 2.0	99	29	66.5	+ 1.8	55	8	73.7	86.8	68.0	70.4	20.9	+ 0.9	17.9	73	- 1
Faridpur	27	1011.7	+ 1.1	1007.2	90.7	+ 1.4	96	26,29	66.6	+ 0.8	51	10	76.4	87.7	70.2	72.0	22.5	+ 0.2	19.7	72	- 1
Barisal	11	1011.8	+ 0.2	1008.4	90.8	+ 1.2	97	28,29	70.4	+ 1.6	60	8,9	76.6	85.6	71.2	78.1	23.6	- 0.9	22.1	75	- 1
Khulna	16	1012.5	+ 1.0	1008.4	92.4	+ 0.8	97	4,26	69.7	+ 1.3	56	9,10	76.1	86.6	70.8	72.8	23.2	+ 0.2	20.5	76	+ 1
Jessore	26	1011.6	+ 0.6	1006.5	94.5	+ 2.6	100	26,30	66.7	+ 1.9	49	8,9	74.7	89.0	70.8	72.4	23.9	+ 1.4	19.6	82	+ 1
Satkhira	16	1011.9	+ 0.8	1007.8	94.1	+ 0.4	99	4 days	69.1	+ 1.2	63	6,7	75.8	89.0	71.9	76.9	24.9	+ 1.7	26.1	82	+ 1
Dum Dum (R)	83																				
Calcutta	21	1011.7	+ 0.7	1007.3	94.7	+ 2.2	100	26,29,30	71.3	+ 2.5	57	9	75.9	89.4	70.9	71.5	23.5	+ 0.7	18.1	77	- 1
Saugor Island	10	1011.9	+ 0.5	1008.5	86.1	- 0.5	95	30	74.9	+ 0.7	65	8,9	79.6	81.4	73.1	74.7	24.9	- 1.3	26.4	72	- 1
Sandheads	28	1011.5	+ 0.4	1008.2																	
Midnapore	149	1007.0	+ 0.5	1002.5	97.8	+ 2.7	105	29	69.6	+ 0.2	58	9	74.5	94.9	67.3	68.4	19.7	+ 0.8	11.7	68	+ 1
Burdwan	106	1008.9	+ 1.0	1004.4	95.9	+ 2.6	104	29	68.5	+ 1.2	56	8	74.3	93.6	67.3	68.2	19.7	+ 0.8	12.0	68	+ 1
Krishnagar	48	1010.7	+ 0.8	1006.4	95.9	+ 3.2	109	26,29,30	66.4	+ 0.7	49	8	74.1	90.6	68.3	70.3	20.9	+ 0.8	16.0	73	+ 1
Asansol	414	997.7	+ 0.7	993.4	96.1	+ 2.8	106	31	67.2	+ 1.3	55	8	74.8	93.1	62.4	67.9	13.6	- 0.9	12.0	47	- 1
Berhampore	62	1010.4	+ 0.8	1005.7	94.6	+ 2.6	104	29	64.5	- 0.8	50	9	76.1	90.3	66.5	68.5	17.9	0	18.8	57	- 1
Bogra	63	1009.9	+ 0.5	1005.7	91.9	+ 1.2	102	29	63.3	+ 0.3	53	10,11	72.3	88.7	65.9	67.6	18.8	+ 0.7	13.5	70	+ 1
Malda	103	1008.7	+ 1.0	1004.7	90.8	+ 0.7	101	29	63.5	+ 1.9	47	8	72.8	88.1	63.7	67.4	16.1	0	13.6	59	+ 1
Dinajpur	123	1008.7	+ 1.6	1004.5	90.4	+ 1.2	99	29	62.6	+ 1.7	50	7,8	69.6	88.5	63.0	68.6	16.5	+ 0.6	14.8	67	+ 1
Jalpaiguri	271	1008.4	+ 1.1	999.1	86.2	+ 1.0	97	29	60.5	+ 0.3	47	7	66.3	84.7	60.8	66.9	15.7	- 1.3	14.3	71	- 1
Orissa																					
Balasore	65	1009.9	+ 0.2	1005.6	96.0	+ 3.3	105	20	71.1	+ 1.7	61	9,10	77.1	86.2	69.4	74.6	21.2	- 1.1	24.0	67	- 1
Chandbali	20	1012.1	+ 1.0	1007.7	92.6	- 1.0	102	29,30	71.3	+ 0.6	59	9	76.7	87.7	71.9	73.7	24.4	- 0.8	21.7	79	- 1
Puri	20	1012.3	+ 1.0	1008.4	83.1	- 3.2	88	10	76.8	+ 1.2	67	9	79.5	81.7	74.9	76.7	27.5	- 0.2	29.1	80	- 1
Gopalpur	56	1010.7	+ 0.8	1007.1	86.9	- 0.1	91	23	72.8	0	67	1,8,9	78.7	82.0	74.6	77.5	27.4	+ 2.2	30.2	82	+ 1
Cuttack	87	1009.9	+ 0.8	1005.0	99.7	+ 3.1	105	29	72.4	+ 0.6	64	9	76.7	93.0	71.9	71.4	23.7	- 0.4	16.5	67	+ 1
Angul	455	996.9	+ 0.7	992.0	98.8	+ 3.0	105	30,31	68.5	+ 0.4	60	9	75.2	96.5	65.6	67.4	17.2	- 1.6	9.6	58	- 1
Sambalpur	486	995.0	- 0.2	991.1	99.0	+ 3.3	105	29,30,31	68.4	- 3.4	54	8,9,11	71.9	97.5	63.2	75.0	15.9	- 0.4	19.4	60	+ 1
Chota Nagpur	423	998.0	+ 1.0	993.0	97.4	+ 3.4	105	31	66.1	+ 1.3	55	8,9	74.4	95.5	62.3	66.3	13.8	- 1.6	8.9	48	- 1
Janashedpur	742	986.5	+ 0.5	982.0	97.1	+ 2.9	104	29,30,31	67.0	+ 1.2	56	8	72.5	95.5	65.2	74.2	17.8	+ 0.9	19.1	67	+ 1
Chaibasa	2,150	989.3	+ 0.6	986.1	90.6	+ 3.7	99	31	63.3	- 0.1	54	8	73.6	87.5	58.4	63.4	10.2	- 0.6	9.6	38	- 1
Ranchi	2,006	944.0	+ 0.8	941.1	88.4	+ 0.7	97	31	62.0	- 1.1	51	10	70.3	85.8	56.0	59.8	9.1	- 1.4	6.4	39	- 1
Hazaribagh	725	987.4	+ 0.4	983.4	93.6	+ 2.4	102	19,30,31	58.6	- 1.3	43	7	67.4	90.9	58.5	64.5	12.7	- 0.7	8.7	57	- 1
Daltonganj	725	987.4	+ 0.4	983.4	93.6	+ 2.4	102	19,30,31	58.6	- 1.3	43	7	67.4	90.9	58.5	64.5	12.7	- 0.7	8.7	57	- 1
Dhanbad	899	983.6			93.7		105	31	66.3		53	8	74.8		61.8		12.4			43	
Bihar																					

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.			
Mean 9 hrs. I. S. T. Departure from normal.	Mean 18 hrs. I. S. T. Departure from normal.	Total of the month.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm				
94	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52		
4.7	- 0.6	6.3	3.45	- 0.61	2.12	21	6	- 2.5	1.8	+ 0.4	4	9	10	1	2	1	0	3	1	2	7	2	0	1	1	1	1	16	53	
3.1	0	2.5	0.97	- 0.05	0.48	19	3	- 1.5	3.2	- 0.1	0	4	13	1	0	0	0	0	13	0	1	12	1	0	0	1	0	16	Bay Islands Port Blair	
3.9	+ 1.0	9.0	1.67	- 0.32	0.92	19	3	- 0.8	3.0	+ 1.1	6	5	10	5	3	1	0	0	1	6	8	8	1	0	4	3	1	0	16	Assam Dibrugarh
2.3	0	2.5	0.29	- 1.37	0.15	29	2	- 0.5	5.2	+ 0.7	2	6	8	2	1	2	3	1	6	1	4	3	0	3	6	3	1	10	Sibsagar (R) Tezpur	
2.8	- 0.6	2.6	7.46	+ 0.70	2.20	22	9	+ 0.9	1.5	- 0.4	0	7	11	10	0	0	0	1	2	1	3	1	2	2	2	5	6	9	Dhubri	
3.3	+ 0.3	3.1	7.16	+ 3.77	2.97	21	9	+ 4.1	3.7	- 0.1	1	5	1	11	3	7	1	0	2	3	8	9	2	4	2	3	6	0	Srimangal	
1.9	- 0.8	1.3	0	- 1.49	0	0	0	- 1.5	3.5	+ 0.4	2	7	3	8	6	1	1	1	2	0	0	0	2	7	7	12	3	0	Bengal Cox's Bazar	
8.3	+ 0.2	1.3	0	- 2.46	0	0	0	- 2.5	5.7	- 0.5	4	4	4	6	8	1	1	0	3	2	0	0	0	6	14	7	2	0	Chittagong	
3.5	+ 0.2	1.5	0.53	- 1.84	0.37	13	2	- 1.1	7.5	+ 4.3	3	2	0	2	17	1	0	5	1	2	1	0	3	17	1	3	4	0	Noakhali	
4.6	+ 1.0	2.7	0.07	- 2.94	0.07	13	0	- 8.5	6.5	+ 2.6	1	0	0	4	13	0	0	0	13	0	2	0	0	16	0	1	0	12	Comilla	
3.3	1.8	0.15	- 2.88	0.12	13	1	- 2.7	3.5	4	1	0	3	6	10	0	1	6	1	1	0	3	6	4	1	2	13	Brahmanbaria			
3.1	- 1.0	1.9	0.37	- 2.02	0.21	30	2	- 1.2	4.6	+ 1.4	1	0	3	0	14	8	1	4	0	1	0	1	2	8	11	6	2	0	Narayanganj	
3.9	- 0.3	2.8	0.82	- 1.02	0.47	13	3	0	3.8	+ 1.5	0	0	5	9	3	1	1	8	0	0	7	5	1	0	5	4	9	Mymensingh		
2.1	- 0.7	1.9	1.40	- 0.70	0.94	18	2	- 0.9	5.5	+ 1.7	1	2	1	6	12	0	1	6	1	1	4	1	3	10	0	0	5	6	Faridpur	
3.5	0	1.6	0.60	- 1.45	0.46	18	2	- 1.1	4.8	+ 2.3	2	1	0	5	13	2	1	4	8	0	0	1	1	16	1	0	0	12	Barisal	
5.3	+ 1.7	2.8	1.48	- 0.16	1.12	15	3	+ 0.7	4.3	+ 0.9	2	4	2	5	7	7	1	2	1	1	3	0	8	8	4	0	1	6	Khulna	
1.3	- 1.8	0.9	1.81	- 0.62	1.23	15	1	- 1.9	5.3	+ 3.2	1	3	0	4	15	4	1	3	0	0	2	1	1	11	2	8	1	5	Jessore	
2.8	+ 0.4	1.3	1.46	- 0.38	0.84	15	3	+ 0.5	3.5	+ 1.1	6	0	0	1	14	2	0	0	8	2	1	0	2	13	3	1	1	8	Satkhira	
1.9	- 0.9	1.3	0.54	- 0.82	0.54	18	1	- 1.3	3.2	- 0.3	2	1	1	1	7	13	1	1	4	1	1	0	0	7	12	0	2	8	Dum Dum (R)	
1.5	- 2.2	1.2	0	- 1.29	0	0	0	- 1.8	15.1	+ 5.5	2	3	2	0	4	20	0	0	0	3	0	0	2	20	6	0	0	0	0	Calcutta
1.0	- 1.7	1.0	0	- 0.82	0	0	0	- 1.0			1	2	0	0	5	17	4	2	0	1	2	0	2	17	9	0	0	0	0	Saugor Island
1.7	- 0.5	1.2	0.88	- 0.53	0.88	13	1	- 1.4	4.7	+ 2.1	3	4	1	0	10	10	0	1	2	5	7	1	0	10	3	0	3	2	Sandheads	
2.4	- 0.6	1.2	0.37	- 1.19	0.37	13	1	- 1.3	3.9	+ 1.9	5	1	2	2	3	6	2	1	9	5	2	0	1	3	3	8	4	5	Midnapore	
2.9	- 0.1	1.1	1.17	- 0.35	0.81	13	2	- 0.1	3.8	+ 0.9	1	2	0	3	7	10	0	3	5	1	2	1	1	4	4	6	5	7	Kurdhigar	
1.1	- 1.1	0.7	0	- 0.82	0	0	0	- 1.8	5.1	+ 0.9	1	3	4	3	2	1	6	8	3	8	3	2	0	0	5	11	2	Asansol		
1.6	- 1.2	1.3	0.27	- 0.77	0.11	13	2	+ 0.1	1.0	- 1.2	0	0	3	4	5	0	2	0	17	0	0	3	0	1	0	2	3	22	Berhampore	
2.1	- 0.4	1.2	0.14	- 1.00	0.10	12	1	- 1.0	2.8	+ 0.7	1	4	14	5	0	3	0	4	0	0	3	5	3	2	0	13	5	0	0	Bogra
1.5	+ 0.1	1.1	0.08	- 0.69	0.05	12	0	- 1.3	3.9	+ 0.2	3	5	3	3	4	4	1	4	4	4	7	4	2	0	0	3	10	1	Malda	
1.9	- 0.2	0.9	0	- 0.69	0	0	0	- 1.4	3.6	+ 0.8	0	14	6	0	3	0	5	0	3	1	6	4	1	1	0	15	0	3	Dinajpur	
2.1	+ 0.2	2.0	0.02	- 1.25	0.02	13	0	- 2.3	4.6	+ 2.8	6	10	7	0	1	0	2	1	4	0	3	10	5	1	2	7	1	2	Jalpaiguri	
1.0	- 1.4	0.7	0	- 1.84	0	0	0	- 2.9	6.7	+ 2.8	5	2	0	0	7	18	0	1	3	0	1	2	14	13	1	0	0	0	Orissa	
2.8	- 0.4	0.4	0	- 1.29	0	0	0	- 2.1	7.7	+ 1.7	3	2	1	0	8	18	4	0	0	0	2	4	10	15	0	0	0	0	Chandbali	
2.3	- 0.6	0.5	0	- 0.50	0	0	0	- 0.9	15.0	+ 4.4	4	2	0	0	9	13	2	1	0	0	0	1	4	16	10	0	0	0	0	Puri
0.8	- 0.5	1.0	0	- 0.63	0	0	0	- 1.1	15.0	+ 5.2	4	1	0	0	3	21	1	1	0	0	0	2	4	3	22	0	0	0	0	Gopalpur
2.2	- 0.9	0.7	0	- 1.04	0	0	0	- 1.4	3.9	+ 1.5	0	0	4	0	5	10	2	0	10	1	0	4	1	10	9	2	2	2	Cuttack	
0.9	- 2.0	1.1	0	- 0.73	0	0	0	- 1.7	4.7	+ 0.6	1	1	3	1	1	0	6	5	13	8	2	2	1	0	0	7	4	7	Angul	
0	- 1.8	0.2	0	- 0.86	0	0	0	- 1.7	2.9	+ 0.4	0	1	0	0	0	0	0	0	30	0	1	0	0	1	3	3	0	23	Sambalpur	
0.8	- 1.4	0.7	0.21	- 0.51	0.21	13	1	- 1.0	3.7	+ 1.0	1	1	2	1	0	2	15	3	6	5	1	0	1	1	4	7	7	5	8	Chota Nagpur
2.5	+ 0.4	1.9	0	- 0.87	0	0	0	- 1.7	2.1	+ 0.1	1	0	0	0	2	13	2	0	13	2	8	0	0	0	6	5	7	8	Jamshedpur	
0.3	- 1.7	0.5	0	- 1.19	0	0	0	- 2.5	4.3	- 0.3	2	0	2	0	2	5	2	6	12	5	0	0	1	0	2	3	20	0	Ranchi	
2.7	+ 0.6	2.9	0	- 0.94	0	0	0	- 1.9	6.0	- 0.4	2	0	0	1	5	4	7	5	7	4	0	1	0	0	0	4	22	Hazaribagh		
0.8	- 0.7	0.3	0	- 0.67	0	0	0	- 1.6	2.9	+ 0.1	1	1	4	5	1	0	2	1	16	3	1	0	0	0	7	17	8	Daltonganj		
0	- 0.8	0.8	0	- 0.86	0	0	0	- 1.6	3.3	+ 1.4	0	1	0	0	0	3	0	7	20	1	5	0	0	0	7	3	13	Dhanbad		
0.8	- 0.9	0.8	0.07	- 0.43	0.05	13	0	- 1.1	3.5	+ 0.7	2	8	11	1	0	3	6	0	0	1	0	5	1	1	0	13				

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.)

STATION.	Height of bar. eastern sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.			Maximum temperature °F.			Minimum temperature °F.			Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %						
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
U. P., East																							
Gonda	360	1000.2		996.5	90.5	+ 0.5	104	31	59.3	+ 0.2	42	7	66.8	88.2	58.2	64.5	12.7	+ 1.1	10.1	57	+ 6	22	
Gorakhpur	254	1002.8	+ 0.6	999.3	89.5	- 0.5	102	30	63.1	+ 1.7	48	6	69.9	89.3	64.4	74.1	18.1	+ 4.8	22.4	72	+ 17	49	
Benares	250	1003.1	+ 0.3	999.8	98.8	+ 2.2	103	19,30,31	61.5	0	47	7	69.6	91.2	59.8	67.2	13.0	- 0.2	11.4	55	+ 4	23	
Allahabad (Bamrauli)	322	1001.1	+ 0.7	997.3	98.5	+ 1.8	106	31	62.5	+ 1.5	46	6, 7	70.3	92.5	57.2	63.6	10.1	- 1.2	6.9	41	- 6	14	
Fatehpur	375	999.0		995.5	94.0	+ 2.8	107	31	60.5	+ 0.3	43	6	70.4	92.1	57.8	66.2	10.7	- 2.5	10.2	42	- 13	21	
Cawnpore	413	997.8	+ 0.8	994.4	91.7	+ 2.9	105	31	60.9	+ 0.8	45	6, 7	68.5	90.3	58.4	68.3	12.2	+ 1.5	13.7	52	+ 4	31	
Lucknow	371	998.8	+ 0.4	995.3	93.2	+ 2.4	107	31	60.0	- 0.6	45	6	68.8	89.7	57.5	64.5	11.0	- 1.3	9.4	48	- 3	21	
Bahraich	407	997.3	+ 0.7	994.2	89.1	+ 0.4	104	31	59.3	+ 0.5	42	6	66.5	87.7	58.7	64.5	13.3	- 0.1	10.3	61	+ 2	23	
U. P., West																							
Jhansi	824	984.1	+ 0.3	980.6	94.6	+ 2.2	107	31	62.2	- 2.2	45	6	68.1	93.5	53.2	61.4	7.1	- 3.2	4.2	31	- 9	9	
Agra	553	994.1	+ 1.5	991.7	92.7	+ 3.9	107	31	60.7	+ 2.4	42	7	66.4	90.9	55.3	64.2	10.0	+ 0.4	8.5	45	- 1	18	
Mainpuri	516	994.3	+ 0.8	990.9	91.9	+ 1.9	107	31	58.5	+ 0.1	41	6	64.9	89.9	56.9	65.9	12.2	+ 0.7	10.9	54	+ 3	23	
Aligarh	615	990.7		988.1	90.8	+ 4.2	107	31	58.6	+ 0.2	39	6	65.0	89.0	54.7	62.0	10.1	+ 0.1	6.8	48	- 2	16	
Bareilly	568	992.0	+ 0.7	988.8	89.3	+ 2.3	104	31	60.2	+ 1.6	41	6	65.8	87.7	56.4	62.2	11.2	- 2.0	7.6	58	- 10	18	
Roorkee	899	980.3	+ 0.2	977.8	85.8	+ 2.0	102	30, 31	54.6	- 0.4	37	6	61.2	83.9	51.2	58.4	8.4	- 3.2	5.2	62	- 2	27	
Dehra Dun	2,239	935.7	+ 1.1	933.5	80.8	+ 1.5	90	25	54.6	+ 0.5	36	6	61.7	78.7	53.6	58.9	10.5	+ 0.2	8.0	59	- 2	28	
Punjab, E. and N.																							
New Delhi	714	987.3	+ 0.5	984.2	89.6	+ 4.6	105	30, 31	57.8	+ 0.7	40	6	63.3	88.3	52.3	60.0	8.5	- 2.3	4.8	48	- 12	11	
Hissar	725	988.6	+ 2.0	986.1	90.0	+ 2.2	114	31	54.3	- 2.5	37	5	60.2	87.4	55.5	72.8	12.6	+ 2.2	20.3	73	+ 19	46	
Ambala	892	980.9	+ 0.7	978.8	89.3	+ 5.0	107	31	57.7	+ 1.2	39	5	62.3	85.5	53.2	62.4	9.8	- 1.4	8.9	59	0	22	
Ludhiana	812	984.1	+ 0.9	982.4	86.5	+ 3.3	106	31	54.5	- 1.8	39	5	60.7	84.1	55.4	66.1	12.5	+ 1.2	13.7	71	+ 7	36	
Lahore	702	987.7	+ 0.6	985.9	82.2	- 0.4	99	30, 31	55.6	+ 2.4	37	5	59.3	80.9	54.3	62.8	12.2	+ 0.9	11.4	72	+ 10	32	
Sialkot	880	983.4	+ 0.6	981.0	80.1	0	99	31	55.3	+ 1.1	40	5, 6	59.4	78.4	54.4	62.8	12.2	- 0.1	12.5	71	0	38	
Rawalpindi	1,674	955.0	+ 0.5	953.2	75.8	+ 0.7	98	31	49.9	- 0.5	34	5	54.7	72.8	51.0	58.0	11.3	+ 0.8	10.0	77	+ 14	41	
Punjab, Southwest																							
Khushab	612	990.6	- 0.2	988.5	82.2	+ 0.9	97	31	54.5	- 1.3	37	5	58.9	81.3	54.0	62.1	12.0	+ 1.3	10.5	68	+ 9	29	
Lyallpur	605	990.8	+ 0.8	989.1	81.3	- 0.6	97	31	54.1	+ 0.5	37	5	57.5	80.3	53.0	62.4	11.7	+ 0.2	11.1	74	+ 8	3:	
Montgomery	558	992.0	+ 0.4	990.6	87.6	+ 3.8	101	30	56.0	0	36	5	60.5	83.4	53.5	64.1	10.9	- 1.5	11.6	62	- 9	3:	
Leiah (b)	490	994.8		992.0	85.8		102	30	51.9		34	5	58.3	81.5	53.3	62.8	11.6		9.7	71		2:	
Multan	413	997.6	+ 0.1	996.4	85.8	+ 1.9	102	28, 30	57.2	0	41	5	60.0	85.1	55.0	66.1	12.5	- 0.6	18.3	71	+ 6	3:	
Fort Abbas	475	995.5		992.9	89.6		105	5 days	55.4		35	5	59.2	87.4	52.6	63.3	10.6		8.9	68		2:	
Bahawalpur	384	998.7	+ 0.1	996.3	87.8	+ 2.2	105	27	54.9	- 0.3	36	6	57.3	86.5	53.4	63.6	11.1	- 1.0	9.7	68	+ 4	2:	
Khanpur	297	1001.5	- 0.3	999.1	90.9	+ 4.0	107	30	55.8	+ 1.1	37	5	59.5	90.2	53.3	67.8	11.2	+ 0.7	12.9	64	+ 6	2:	
Kashmir																							
Srinagar	5,205	843.8	+ 0.8	842.1	55.1	- 1.8	75	31	38.5	+ 1.5	27	5	41.3	53.1	39.6	46.5	7.6	0	7.9	87	- 1	6	
Gulmarg	8,709																						
Dras	10,059	704.2	+ 1.0	702.7	26.9	- 2.8	37	30, 31	9.0	+ 5.7	- 17	7, 8, 9	14.5	26.7	13.2	24.7	2.4	0	4.0	77	- 11	8	
Leh	11,529	666.5	+ 1.4	665.1	36.9	- 7.3	57	30	17.1	- 3.9	4	7	20.9	35.1	19.0	28.6	2.7	0	3.6	78	+ 21	5	
Skardu (R)	7,505																						
Gilgit	4,890	853.9		850.5	60.0	- 2.4	75	27	44.0	- 1.1	30	5, 6	46.3	58.7	39.3	44.6	5.4	- 3.9	4.5	52	0	2:	
Misgar	10,190	696.9		695.0	42.1		57	27	26.0		11	6	26.8	38.9	23.8	31.1	3.1		3.7	70		4:	
N.-W. F. Province																							
Peshawar	1,161	973.1	+ 0.1	971.2	75.0	+ 0.2	89	29	50.8	- 1.6	35	5, 6	55.1	73.9	50.1	58.8	10.5	- 0.2	9.7	69	- 3	2:	
Bannu	1,261	968.2		966.3	77.3	- 0.7	92	30, 31	54.2	+ 1.3	34	4	58.0	76.2	51.0	58.6	9.6	- 0.1	8.9	59	0	2:	
Miranshah	3,026	909.8		907.6	72.8	+ 5.5	85	27, 28	46.3	- 1.4	28	5	51.3	68.3	44.8	53.8	7.3	+ 0.1	8.0	56	- 5	1:	
Dera Ismail Khan	570	992.6	+ 0.2	988.9	88.5	+ 1.7	99	30	53.8	- 1.2	32	5	58.3	52.7	53.4	67.5	11.7	- 0.2	15.9	70	+ 3		
Baluchistan																							
Fort Sandeman	4,614	860.5		857.6	74.5	+ 4.0	89	28	45.2	+ 0.4	27	5	48.6	72.0	41.6	52.9	6.2	- 0.3	6.2	56	- 13		
Loralai	4,699	856.7		854.1	73.5		56	28	42.7		27	5	46.5	71.7	37.4	49.3	4.1		3.1	38			
Sibi	441	996.4	+ 1.3	993.0	89.9	+ 3.9	105	28	60.2	+ 0.8	41	5	63.9	88.7	52.3	63.1	8.2	+ 0.2	9.2	41	- 2		
Quetta	5,490	883.6	+ 0.2	881.6	69.9		83	27															

Cloud amount (tenths of sky).		Rainfall, inches.					Number of rainy days (0'10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.			
Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.								18 hrs. I. S. T.								STATION.			
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52		
1.3	- 0.5	1.7	0.19	+ 0.01	0.19	12	1	+ 0.2	4.0	- 0.6	0	2	13	0	0	1	12	1	2	1	1	1	1	1	0	22	4	0		
0.9	- 0.5	1.0	0.38	- 0.01	0.84	13	1	+ 0.2	3.5	+ 1.2	3	1	12	2	0	1	11	0	1	2	2	3	2	1	1	17	0	3	Gorakhpur	
0.7	- 1.1	0.5	0	- 0.37	0	0	- 0.9	6.1	+ 2.6	0	0	4	2	0	10	8	0	7	2	2	1	0	0	0	1	16	8	1	Benares	
0.8	- 1.2	0.7	0	- 0.56	0	0	- 1.3	3.5	- 0.3	0	3	4	0	3	4	12	1	4	6	2	0	0	0	1	10	12	0	Allahabad (Bamrauli)		
1.0	- 0.6	1.3	0	- 0.28	0	0	- 0.9	8.3	- 0.1	0	0	4	2	1	2	7	6	9	2	1	2	1	0	0	0	5	18	2	Fatehpur	
1.1	+ 0.1	0.8	0	- 0.29	0	0	- 0.8	7.2	+ 1.2	0	1	3	3	2	7	9	2	4	4	3	1	0	0	0	2	11	10	0	Cawnpore	
1.1	- 0.7	0.9	0	- 0.34	0	0	- 0.9	2.5	+ 0.2	0	0	3	2	1	0	10	4	11	3	1	3	0	0	0	0	16	6	2	Lucknow	
1.4	- 0.1	1.5	0.21	- 0.18	0.21	12	1	+ 0.2	4.3	+ 1.5	2	2	7	6	1	3	4	4	2	1	0	2	1	4	5	4	12	2	Buhraich	
0.4	- 1.0	0.5	0	- 0.33	0	0	- 0.8	4.4	+ 1.2	0	3	0	1	1	15	5	6	0	6	1	0	0	1	0	18	10	0	U. P., West Jhansi		
1.2	- 0.9	1.8	0	- 0.32	0	0	- 0.8	3.1	- 0.6	1	2	0	1	1	4	5	9	8	2	1	0	0	0	4	1	18	5	Agra		
1.1	- 0.9	1.2	0	- 0.34	0	0	- 0.8	3.5	+ 1.1	0	0	2	2	2	2	8	7	8	1	2	0	0	0	1	13	11	3	Mainpuri		
1.3	- 0.5	1.7	0.10	- 0.47	0.10	3	1	- 0.8	4.5	+ 0.2	3	1	3	2	1	2	11	3	5	12	0	0	0	1	0	5	7	6	Aligarh	
2.4	+ 0.1	1.4	0.01	- 0.60	0.01	3	0	- 1.3	4.5	+ 2.0	2	4	7	8	1	0	6	6	2	2	2	1	2	1	2	11	9	1	Bareilly	
2.5	+ 0.1	1.9	0.39	- 0.39	0.26	3	1	- 0.6	3.8	+ 1.8	1	3	1	9	0	2	0	10	5	0	1	1	2	1	1	0	13	12	Roorkee	
2.4	- 1.1	3.4	1.11	- 0.15	0.48	19	4	+ 1.3	2.4	+ 0.3	4	3	0	1	1	0	3	0	19	1	0	1	0	2	10	9	4	Rawalpindi		
1.7	- 0.6	2.3	0	- 0.51	0	0	- 1.3	8.2		0	0	1	4	1	3	13	9	0	6	3	1	2	0	2	1	16	0	Punjab, E. and N. New Delhi		
0.8	- 1.3	0.8	0	- 0.64	0	0	- 1.5	4.9	+ 0.6	9	1	2	5	6	5	3	5	1	6	1	1	2	1	2	6	11	1	Hissar		
1.8	- 1.1	1.6	0.38	- 0.61	0.33	3	1	- 0.8	5.3	+ 1.6	0	0	0	9	0	0	0	17	5	0	0	0	8	0	3	0	18	2	Ambala	
2.1	- 0.6	2.6	0.27	- 0.67	0.27	3	1	- 0.8	1.8	- 0.2	0	2	2	2	2	6	1	5	11	2	5	1	3	0	4	0	15	1	Ludhiana	
3.8	+ 0.4	4.2	0.63	- 0.16	0.58	3	1	- 0.9	2.5	+ 0.3	6	4	2	2	0	1	1	5	10	4	3	3	2	0	0	6	10	3	Lahore	
3.7	+ 0.9	4.4	1.72	+ 0.21	1.10	3	4	+ 0.8	3.1	+ 1.4	2	6	1	1	0	1	0	14	6	1	3	1	2	1	4	3	11	5	Sialkot	
4.7	+ 0.9	5.5	4.03	+ 1.36	1.98	3	4	- 0.7	3.5	+ 0.9	1	6	1	1	0	2	2	1	7	0	7	0	21	0	14	2	4	2	Punjab, Southwest Khushab	
2.6	- 0.9	4.2	1.84	+ 0.30	0.98	3	8	+ 0.5	4.4	+ 0.2	5	8	3	0	3	2	4	1	3	1	2	3	9	5	2	5	3	1	Gilgit	
2.9	- 1.0	5.0	1.20	+ 0.64	0.93	3	2	+ 0.4	2.6	+ 0.4	5	4	1	1	1	3	4	11	9	5	3	3	2	2	3	5	5	Layallpur		
2.5	- 0.1	3.1	0	- 0.42	0	0	- 1.3	2.1	+ 1.4	1	2	2	2	1	0	1	1	21	2	5	4	1	1	1	1	8	8	Montgomery		
1.7	2.9	0.44	0.30	2	2		4.7			7	5	0	0	0	1	2	14	0	1	0	6	5	3	5	4	5	0	Leiah (b)		
3.4	+ 0.7	2.3	0.30	- 0.10	0.30	3	1	0	3.1	+ 1.4	14	0	2	2	7	1	0	2	3	1	3	3	5	3	8	0	1	Multan		
2.8	3.3	0.18	0.18	3	1		6.4			6	2	7	7	6	1	0	0	2	8	3	1	1	0	8	5	3	2	Fort Abbas		
2.4	0.2	2.8	0.09	- 0.31	0.09	3	0	- 0.9	3.8	- 0.8	0	15	0	0	3	3	0	1	9	0	11	0	0	0	10	2	3	5	13	Bahawalpur
1.9	- 0.7	1.7	0.06	- 0.32	0.06	3	0	- 0.9	3.8	- 0.8	0	15	0	0	3	3	0	1	9	0	11	0	0	0	10	2	3	5	0	Khanpur
8.2	+ 2.1	7.2	5.35	+ 1.74	1.95	3	12	+ 4.6	4.1	+ 0.9	1	1	2	10	1	0	2	11	3	3	2	1	2	2	2	1	17	1	Srinagar	
6.7	+ 1.4	6.5	7.28	+ 1.84	1.26	3	10	+ 0.2	1.1	+ 0.1	1	1	0	0	0	0	0	29	1	0	0	0	0	1	0	0	0	29	Dras	
7.5	+ 1.4	7.5	1.15	- 0.87	0.36	14	8	+ 2.1	2.0	- 0	3	9	4	0	1	0	1	12	0	3	1	1	5	14	3	0	4	Leh		
7.6	+ 1.1	7.3	0.57	- 0.23	0.23	1	5	+ 3.2	2.5	+ 1.0	0	1	1	0	1	8	5	1	14	0	0	7	2	2	7	8	1	4	4	Gilgit
7.3	8.4	0.31	0.09	30	0		6.7			0	2	4	4	0	3	2	7	9	2	0	12	7	1	1	1	1	5	5	5	Misgar
5.2	- 0.1	6.7	1.10	- 1.34	0.38	3	4	- 0.6	2.6	+ 0.5	2	1	0	1	9	10	2	0	6	4	5	8	4	1	2	5	1	1	Peshawar	
3.0	0	4.7	0.41	- 1.17	0.40	10	1	- 2.7	4.2		0	2	0	0	0	0	6	12	11	0	2	7	14	4	0	2	2	0	Bannu	
1.8	- 1.3	4.6	0.50	- 2.04	0.28	10	2	- 3.4	5.6	+ 0.2	0	0	0	0	0	0	3	1	27	0	2	22	1	0	0	3	0	Miranshah		
1.7	- 1.5	3.4	0.13	- 0.83	0.07	3	0	- 2.3	2.5	+ 0.8	2	4	1	0	0	1	4	2	17	2	4	2	4	5	2	1	0	11	Dera Ismail Khan	
2.9	0	5.2	0.07	- 1.31	0.03	3,18	0	- 3.6	5.3	+ 1.9	0	1	7	2	0	1	3	0	17	0	4	3	1	2	6	7	6	2	Baluchistan Fort Sandeman	
3.2	4.3	0.04	- 1.26	0.02	10	0	- 3.1	7.4		0	0	1	0	0	2	26	1	1	1	0	0	6	11	5	5	3	0	Loralai		
3.5	+ 1.2	3.6	0	- 0.92	0	0	- 0.9	4.5	+ 0.9	5	3	2	1	0	0	3	6	11	1	1	0	0	0	6	10	5	6	2	Sibi	
3.4	0	4.4	0.27	0.20	3	1		6.5	+ 3.3	1	1	0	1	5	2	1	3	17	1	1	0	0	0	6	0	15	8	5	0	Quetta
5.1	+ 1.2	5.5	1.34	- 0.15	0.95	3	3	- 1.0	7.6	+ 1.8	0	2	6	16	6	0														

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.)

STATION.	Height of bar. cistern above mean level in feet.	Pressure reduced to 32°F and standard gravity, millibars.				Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.		Relative humidity %			
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
Sind																							
Jacobabad*	156/183	1005.1	+ 0.1	1002.3	92.1	+ 1.6	109	28	60.6	+ 0.7	48	5	64.5	90.5	56.4	78.9	11.9	+ 1.6	21.0	.57	+ 5		
Sukkur	221	1004.1	+ 0.2	1001.1	90.4	+ 2.5	104	.27	60.6	+ 1.0	44	5	64.4	88.8	56.5	66.7	12.0	+ 0.2	12.4	.58	+ 1		
Pad Idan	150	1006.5		1003.5	98.7		108	27, 28	56.6		38	6, 7	60.5	92.6	54.4	70.3	11.7		15.0	.67			
Umarkot	55	1009.5		1006.4	97.5		112	28	61.5		42	4	65.5	96.2	60.1	71.8	15.3		15.4	.71			
Hyderabad	96	1008.9	+ 0.5	1006.5	97.1	+ 4.6	111	28	62.3	- 1.5	46	5	65.7	95.5	59.7	66.3	14.8	+ 2.0	8.9	.69	+ 11		
Karachi (Clifton)																							
Karachi (Manora)	18	1012.2	+ 0.3	1010.2	81.4	- 0.4	89	28	68.6	+ 0.5	57	5, 6	70.2	79.0	66.5	71.9	20.5	+ 1.3	28.5	.81	+ 2		
Badin	31	1011.5	+ 0.8	1008.8	97.3	+ 5.6	112	28	61.8	+ 0.1	44	5	64.5	95.2	60.2	67.2	15.8	- 0.9	10.1	.75	+ 6		
Rajputana, West																							
Sri Ganganagar	580	992.3			989.4	87.9	+ 5.0	105	30	52.5	+ 0.9	33	5, 6	60.4	83.1	53.1	63.5	10.4	- 0.3	11.2	.65	+ 4	
Bikaner	734	986.2	+ 0.2	983.7	91.6		107	28	56.4		33	5	65.1	87.6	54.3	61.3	9.5		6.6	.56			
Phalodi	788	985.2			982.3	93.0		107	28	60.0		35	5	64.4	91.6	53.7	67.1	9.4		11.5	.46		
Jodhpur	736	987.1	+ 2.0	983.9	93.8	+ 3.3	107	28, 29	61.4	- 0.1	43	4	65.5	92.6	52.4	62.8	7.6	- 0.6	5.9	.86	- 3		
Barmer	638	989.9	+ 0.5	987.0	96.1	+ 5.9	110	28, 29	65.7	+ 1.5	48	5, 6	70.6	94.5	57.6	65.6	10.4	- 3.1	8.4	.41	- 17		
Rajputana, East																							
Jaipur	1,431	963.7	+ 0.4	960.9	90.9	+ 2.6	104	29, 30, 31	60.5	+ 1.7	43	7	68.2	89.1	53.9	61.2	7.7	- 0.5	5.8	.84	- 4		
Ajmer	1,698	958.2	+ 0.4	955.1	89.3	+ 2.1	103	31	61.6	+ 1.4	45	6	69.9	88.7	55.3	62.7	8.6	- 1.1	7.7	.40	+ 1		
Kotah	843	983.7	+ 0.6	980.2	96.1	+ 3.4	109	31	65.2	0	48	6, 7	69.9	94.4	55.1	63.1	8.1	- 1.1	5.4	.39	- 4		
Brijnagar	1,053	976.7	+ 0.8	972.8	94.6	+ 3.2	107	31	61.2	+ 0.5	48	7, 8	68.2	91.3	54.7	65.3	8.5	- 0.4	2.8	.87	- 2		
Rajasamand	1,650	949.5		947.1	88.6		102	31	65.1		48	4, 6	66.2	86.2	59.1	67.9	13.1		14.9	.58			
Gujarat																							
Deesa (R)	466																						
Bhuj	343	1001.4	+ 1.0	998.6	95.0	+ 2.2	107	27, 28, 29	64.0	- 0.3	48	6	66.9	94.1	58.2	64.8	12.5	- 3.1	7.5	.57	- 2		
Dwarka	37	1012.3	+ 0.7	1010.3	82.5	+ 0.2	95	.28	68.9	- 1.7	57	6	70.8	80.0	66.8	70.3	20.4	- 0.6	20.6	.80	+ 1		
Jamnagar	60	1012.7	+ 2.2		91.0	+ 0.5	104	28	63.6	+ 0.4	52	6	71.9		68.4		15.9	- 3.2	61	- 12			
Rajkot	432	938.3	+ 1.1	994.3	97.9	+ 2.8	108	27, 28	62.0	- 0.1	47	5	65.7	96.7	58.2	65.3	13.0	- 2.0	7.0	.62	- 1		
Veraval	26	1011.9	+ 0.2	1009.4	92.0		109	26	63.0		51	5, 6	68.9	81.9	59.8	74.0	19.7		24.7	.61	- 5		
Surat	39	1011.3	+ 0.5	1007.7	98.8	+ 2.7	111	27, 28	67.3	+ 0.3	53	5	72.7	94.9	63.3	72.3	15.4	- 2.3	16.5	.58	- 5		
Bhavnagar	55	1011.4	+ 0.8	1007.4	98.2	+ 2.5	109	28	64.8	- 0.8	48	5	68.4	96.7	55.7	65.5	9.3	- 4.2	7.1	.40	- 10		
Ahmedabad	168	1007.8	+ 1.1	1008.8	98.6	+ 1.6	110	28, 29, 30	68.8	+ 0.8	55	5	70.7	96.8	58.3	66.8	11.5	- 0.5	8.6	.46	0		
Dohad	1,098	975.7		972.6	96.1	+ 1.8	107	29, 30	65.8	+ 1.9	49	5	70.2	94.6	58.2	68.1	11.0	- 0.1	11.2	.46	- 1		
Baroda	115	1009.2		1005.3	99.0	+ 2.9	110	28, 29, 30	60.0	+ 0.1	47	5	67.2	98.3	60.7	74.1	15.0	+ 3.3	17.5	.67	+ 17		
Central India, West																							
Neemuch	1,626	957.9	+ 1.2	955.0	92.2	+ 1.6	103	29, 30, 31	61.6	+ 0.5	43	6	66.0	91.9	51.6	60.6	6.9	- 2.8	4.6	.33	- 7		
Indore	1,828	950.9	+ 0.7	947.8	92.5	+ 0.4	102	29, 30, 31	58.2	- 2.1	42	5	63.7	92.2	53.4	60.1	9.1	- 0.9	4.1	.49	+ 9		
Bhopal	1,643	957.1	+ 1.0	953.7	92.2	+ 1.0	104	30, 31	62.6	+ 0.7	46	6, 7	70.7	91.8	55.4	63.6	8.3	- 0.3	8.1	.35	0		
Guna	1,571	959.2	+ 0.3	956.1	93.8	+ 3.5	106	30	58.8	+ 1.1	41	7	65.1	92.4	51.1	60.5	6.8	- 2.4	4.3	.35	- 5		
Gwalior	681	958.9		955.5	93.0		107	31	60.8		45	6, 8	69.1	92.2	51.6	63.0	8.0		6.5	.34			
Madhosagar	757	956.3		952.9	93.7		108	31	65.5		47	6	70.9	91.8	56.2	62.6	8.8		6.3	.35			
Central India, East																							
Nowrang	750	956.8	+ 0.8	953.1	94.2	+ 2.5	106	31	57.5	- 2.1	41	7	65.5	93.7	53.6	65.7	8.7	- 2.7	8.9	.41	- 8		
Sutna	1,041	976.8	+ 1.0	973.6	94.2	+ 3.7	106	30, 31	58.9	- 2.5	43	6, 7	67.8	91.9	53.8	61.9	7.9	- 2.8	5.4	.35	+ 2		
Umaria	1,506	960.7		957.3	93.4	+ 3.0	103	31	57.9	- 1.4	41	7	69.6	91.5	55.9	61.4	9.2	- 1.9	5.8	.39	- 6		
Berar																							
Akola	925	950.8	+ 0.8	956.6	99.5	+ 0.7	107	29, 30, 31	64.3	- 1.7	51	6	68.8	93.6	55.3	69.7	8.8	- 0.6	11.6	.37	+ 2		
Amraoti C. P., West	1,213	971.5	+ 1.4	967.0	98.9	+ 1.4	106	30	67.0	- 2.4	59	6	75.4	98.0	53.6	64.7	4.2	- 6.2	5.7	.20	- 15		
Khandwa	1,014	976.9	+ 0.9	972.8	98.0	+ 0.6	105	30, 31	63.0	- 1.5	51	5, 9	67.9	96.5	51.7	65.1	5.9	- 3.2	6.9	.25	- 11		
Hoshangabad	992	978.5	+ 0.8	974.6	95.2	+ 1.7	105	29, 30, 31	62.0	- 2.8	51	6	66.2	94.5	51.5	64.4	9.3	- 0.3	7.0	.42	+ 5		
Saugor	1,808	950.9	+ 0.7	947.7	91.9	+ 1.3	103	31	66.0	+ 1.2	48	6	73.4	90.5	58.7	57.7	5.8	- 2.5	2.3	.23	- 10		
Jubbulpore	1,289	968.6	+ 1.1	964.9	95.2	+ 3.6	105	31	56.2	- 2.6	42	7, 8	67.4	96.1	53.8	63.7	8.1	- 3.2	5.4	.36	- 10		
Seoni	2,027	943.6	+ 0.5	940.4	94.5	+ 2.6	102	26, 27	61.8	- 0.9	52	6, 9	69.7	92.0	54.6	62.6	8.2	- 2.4	6.7	.34	- 6		
Nagpur C. P., East	1																						

Cloud amount (tenths of sky).		Rainfall, inches.			Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.				
Mean Ghrs. I. S. T.	Departure from normal.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total of the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.								18 hrs. I. S. T.											
Mean 18 hrs. I. S. T.	Mean	27	28	29	30	31	32	33	34	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm		
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
2.8	+0.6	2.4	0	-0.22	0	0	0	-0.7	5.0	+2.1	4	2	10	4	4	0	0	1	6	0	1	4	13	5	0	0	2	6	Sind Jacobabad
1.0	-0.6	1.2	0	-0.24	0	0	0	-0.9	4.2	+0.4	1	5	8	6	3	5	0	1	2	0	5	1	5	6	6	3	3	2	Sukkur
1.2	1.2	0	0	0	0	0	0	6.1			3	1	0	0	2	2	0	2	21	1	0	2	0	9	6	2	1	10	Pad Idan
1.1	1.0	0	0	0	0	0	0	6.5			2	3	0	2	12	10	1	1	0	4	1	0	0	0	12	8	6	0	Umarkot
0.3	-1.5	0.7	0	-0.20	0	0	0	5.2	+0.3		6	1	0	0	6	11	4	3	0	2	6	3	0	2	11	6	1	0	Hyderabad
1.9	-0.6	0.9	0	-0.29	0	0	0	-0.6	8.1	-0.1	4	5	2	0	0	3	9	8	0	0	0	0	1	0	15	13	2	0	Karachi (Clifton)
1.1	-0.4	0.2	0	-0.15	0	0	0	-0.2	5.8		3	1	0	0	1	13	9	3	1	2	1	3	1	3	10	6	4	1	Karachi (Manora)
2.3	-0.7	1.9	0.36	-0.15	0.36	3	1	-0.4	4.5	-0.9	9	1	2	5	5	2	1	0	6	3	0	6	1	1	3	2	15	0	Rajputana, West Sri Gangasagar
0.7	-1.5	1.2	0	-0.23	0	0	0	-0.6	3.2	-1.0	0	12	1	3	1	8	1	0	5	1	8	0	3	0	11	1	7	0	Bikaner
1.2	2.4	0	-0.14	0	0	0	0	-0.4	6.8		0	0	3	3	5	6	3	0	11	6	0	2	0	3	7	5	7	1	Phalodi
0.7	-1.8	1.5	0	-0.11	0	0	0	-0.2	4.9	-2.0	0	9	3	0	0	5	1	1	12	4	4	1	0	0	6	9	6	1	Jodhpur
0.6	-1.4	0.9	0	-0.25	0	0	0	-0.6	5.3	-0.5	1	0	0	0	0	3	6	8	13	1	4	0	1	1	11	7	2	4	Barmer
0.6	-1.5	1.6	0	-0.34	0	0	0	-0.9	4.8	+0.5	5	6	2	1	0	0	1	3	13	2	0	0	3	0	7	7	12	0	Rajputana, East Jaipur
0.3	-1.5	1.9	0.01	-0.22	0.01	3	0	-0.7	4.9	+1.7	0	0	0	1	1	3	4	2	20	1	0	0	0	2	7	11	9	1	Ajmer
0.1	-1.8	1.1	0	-0.17	0	0	0	-0.5	2.4	+0.3	0	1	3	0	1	3	11	0	12	2	1	1	0	0	3	13	5	6	Kotah
0.2	-1.3	0.4	0	-0.14	0	0	0	-0.6	3.5	+0.5	2	1	1	2	1	1	4	4	15	3	4	2	2	0	3	12	4	1	Brijnagar
1.0	0.7	0	0	0	0	0	0	-			3	0	0	0	3	4	5	13	3	2	0	1	3	0	2	3	13	7	Rajsamand Gujarat Deesa (R)
0.7	-0.8	0.4	0	-0.11	0	0	0	-0.2	4.7	-0.9	0	0	0	0	0	5	0	1	25	4	4	0	1	0	2	11	7	2	Bhuj
0.9	-1.4	0.5	0	-0.11	0	0	0	-0.2	8.3	-1.1	6	3	0	0	1	5	4	9	3	2	2	1	0	6	13	7	0	Dwarka	
1.0	-0.4	0	-0.08	0	0	0	0	-0.1	3.6	-5.3	2	2	1	0	0	4	4	0	18	6	0	0	0	0	1	3	15	2	Jamnagar
1.3	-0.9	0.4	0.03	-0.03	0.03	3	0	-0.1	7.0	+1.0	0	1	2	3	3	2	1	2	17	4	6	0	0	0	1	3	15	2	Rajkot
0.5	-0.9	0.8	0	-0.05	0	0	0	-0.1	11.0		13	9	2	0	0	0	2	5	0	0	1	0	0	0	4	15	11	0	Veraval
1.7	+0.4	0.9	0	-0.01	0	0	0	-0.1	5.0	+1.7	4	6	1	7	0	5	1	0	7	1	5	0	1	0	9	7	1	Surat	
0.6	-0.9	0.8	0	-0.11	0	0	0	-0.2	4.6	-0.2	0	0	1	1	0	3	7	1	18	3	10	7	2	2	0	3	2	2	Bhavnagar
1.4	0	0.7	0	-0.05	0	0	0	-0.2	4.1	+0.4	6	6	3	0	0	1	3	5	7	4	3	1	0	1	5	8	7	2	Ahmedabad
0.4	-1.1	0	0	-0.06	0	0	0	-0.2	8.6	+5.8	0	7	1	2	5	3	4	1	8	1	9	0	3	0	4	10	4	0	Dohad
0.3	-0.8	0.4	0	-0.02	0	0	0	0	3.0	+0.8	1	3	3	0	3	7	1	1	12	7	4	2	0	0	3	8	5	2	Baroda Central India, West Neemuch
0.8	-0.8	0.8	0	-0.12	0	0	0	-0.3	5.5	+0.4	2	12	4	0	0	5	3	3	2	3	8	1	2	1	4	7	5	0	Indore
0.2	-1.2	0.3	0	-0.08	0	0	0	-0.3	3.3	+0.4	1	2	1	1	1	1	5	1	18	5	6	1	1	0	2	10	4	2	Bhopal
0.3	-1.1	0.6	0	-0.34	0	0	0	-0.8	3.7	+0.6	2	1	1	0	0	5	4	4	14	2	5	1	0	0	5	10	2	6	Guna
0.4	-0.8	0.7	0	-0.50	0	0	0	-0.9	3.6	+0.6	2	2	3	5	3	2	1	0	13	8	1	0	0	2	5	7	3	0	Gwalior
0.4	0.9	0	0	0	0	0	0	3.1			1	1	0	2	2	3	4	4	14	10	1	1	1	0	0	5	12	1	Madhosagar Central India, East Nowrang
0.6	1.2	0	0	0	0	0	0	4.9			4	1	0	0	5	9	2	2	8	7	1	0	1	1	1	10	10	0	Berar Akola
0.7	-1.5	1.0	0	-0.30	0	0	0	-0.8	3.2	+1.3	2	2	0	0	11	3	0	1	12	6	0	1	0	2	3	6	13	0	Amraoti C. P., West Khandwa
0.1	-1.8	0.5	0	-0.45	0	0	0	-1.1	3.6	+0.5	0	0	3	0	0	3	5	3	17	5	0	0	0	2	5	16	2	Hoshangabad	
0.2	-2.0	0.5	0	-0.70	0	0	0	-1.7	3.1	+0.2	2	0	0	2	1	1	3	2	20	4	1	0	0	0	1	11	14	0	Saugor Jubulpore
0	-1.6	0	0	-0.36	0	0	0	-0.7	4.7	+1.1	0	0	0	0	1	5	3	7	15	0	8	0	0	0	0	0	22	1	Seoni
0.1	-1.4	0.5	0	-0.35	0	0	0	-0.8	6.0	+1.8	0	13	4	2	3	7	1	1	0	0	0	6	0	2	8	0	Pendra		
0.1	-1.0	0.3	0	-0.17	0	0	0	-0.5	4.2	+0.1	0	3	1	0	2	0	4	4	17	1	5	0	0	1	1	9	13	1	Champa
0.1	-1.4	0.3	0	-0.24	0	0	0	-0.6	3.2	+1.0	2	2	4	4	5	1	2	0	11	1	3	6	4	5	3	5	2	Tittagarh	
0.4	-1.2	0.8	0	-0.33	0	0	0	-0.9	10.6	+6.7	2	7	1	6	2	8	5	0	0	10	1	0	1	0	4	6	9	0	Raiapur
0.1	-1.4	0.5	0	-0.56	0	0	0	-1.4	3.1	+1.1	2	0	3	9	5	2	1	0	9	6	4	0	1	0	4	4	8	4	Jagdalpur
0	-1.6	0.2	0	-0.79	0	0	0	-2.0	4.2	+1.3	10	3	0	2	3	0	0	1	12	14	1	3	2	2	1	4	4	0	Nagpur
0.2	-1.5	0.6	0	-0.60	0	0	0	-1.5	3.5	-1.1	10	4	0	0	1	0	2	6	8	3	5	3	2	1	5	4	8	0	C. P., East Pendra
0.5	-1.3	0.9	0	-1.09	0	0	0	-2.3	5.0	+1.2	5	1	0	0	5	5	2	8	5	11	3	0	0	2	1	5	9	0	Champa
0.1	0.3	0	0	0	0	0	0	4.8																					

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of bar. cistern sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.				Maximum temperature °F.			Minimum temperature °F.			Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.			Relative humidity %			
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean	Departure from normal.	Highest.	Date.	Mean	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Konkan																						
Dahanu	15	1011.7		1009.4	87.7		97	17, 24	67.4		55	6	69.6	88.8	63.0	75.5	16.5		26.0	69		
Bombay	87	1011.1	+ 0.3	1008.3	89.7	+ 3.5	103	24	72.5	+ 0.6	63	6	75.7	84.3	69.7	74.4	21.8	- 1.2	24.2	73	-	
Alibag	23	1012.2	+ 1.1		89.0	+ 3.6	103	24	70.2	+ 0.8	60	6	73.5		66.9		19.3	- 0.9	70	+		
Harnai	66	1009.6		1007.2	85.8		94	10, 11	75.8		61	6	78.0	82.8	70.9	76.3	22.3		27.7	69		
Ratnagiri	211	1005.1	+ 0.6	1002.4	88.0	+ 1.0	97	10	73.0	+ 0.8	62	5	76.8	84.4	73.2	80.7	26.0	+ 4.1	33.7	83	+ 1	
Devgad		1008.3		1005.5	87.0		95	9	75.0		67	5	77.0	84.7	71.6	76.4	23.7		26.9	76		
Marmagao	202	1005.6	+ 0.9	1002.4	86.6	+ 1.2	91	21	75.9	+ 1.5	68	8	79.9	84.4	73.5	76.6	24.9	+ 0.7	27.3	72	-	
Honavar	85	1009.9		1006.8	90.8		95	10	72.8		66	6	75.7	87.3	72.0	77.9	24.9		28.0	83		
Bombay Decean																						
Jalgaon	660	989.8		985.8	99.8		110	30	62.8		50	5	68.5	100.4	54.3	72.6	7.9		14.6	34		
Malegaon	1,432	964.0	+ 0.8	960.2	99.0	+ 1.5	105	26, 30, 31	60.0	- 2.7	45	5, 6	68.4	93.7	52.7	64.6	6.5	- 4.7	7.1	28	- 1	
Ahmednagar	2,154	940.1	+ 0.9	936.6	97.6	+ 2.4	104	30, 31	63.2	+ 0.1	54	6	71.1	95.6	52.3	63.7	5.4	- 5.6	6.4	24	-	
Poona	1,884	950.8	+ 1.1	946.7	99.0	+ 2.1	1105	27, 29, 30	61.1	- 0.6	46	5	65.6	95.9	57.4	66.3	12.5	- 0.7	9.8	60	+	
Sholapur	1,570	959.2	+ 1.1	954.8	100.0	+ 0.9	105	30	70.4	+ 1.1	68	5, 6	75.4	99.1	56.7	65.5	7.7	- 3.3	7.0	28	- 1	
Miraj	1,817	950.6	+ 0.4	946.4	98.4	+ 2.8	103	30	66.2	+ 1.7	57	5	71.2	97.1	61.6	70.3	14.5	- 0.1	18.7	58	+	
Bijapur	1,950	946.5	+ 0.9	943.1	98.1	+ 1.1	101	7 days	70.8	+ 0.1	62	5	74.3	96.7	61.1	66.9	12.6	- 1.6	9.7	45	-	
Belgaum	2,562	926.5	+ 0.8	923.4	94.1	+ 0.5	98	28	64.6	+ 1.0	59	6, 11	68.0	91.0	59.6	66.4	18.7	+ 0.2	11.5	61	+	
Gadag	2,131	941.0	+ 1.3	937.4	98.2	+ 2.7	101	22, 23, 24	69.5	+ 0.7	63	4, 8, 9	74.3	96.3	67.2	74.6	19.5	+ 3.0	19.7	67	+	
Hyderabad, North																						
Aurangabad	1,905	948.8	+ 1.0	944.9	97.6	+ 1.7	105	30	67.2	+ 0.3	57	6	74.3	96.1	56.0	65.7	7.5	- 1.8	8.5	28	-	
Parbhani	1,350	965.3		960.9	99.0		106	30	65.0		57	5, 6	72.1	98.3	61.8	80.3	18.3		26.2	53		
Bidar	2,178	998.7		995.0	96.3	+ 1.2	100	26, 27, 30	72.4	+ 1.5	67	1	75.7	94.5	62.7	68.9	13.8	- 1.2	13.0	47	-	
Nizamabad	1,250	969.5	+ 0.4	965.7	98.0	- 0.3	102	5 days	68.9	0	63	5, 10, 16	76.1	97.5	60.5	65.9	15.8	+ 0.4	7.2	35	- 1	
Peddapalli	755	997.2			100.0		104	21, 29	72.0		69	1, 2, 3	81.2		69.8		19.4			53		
Hyderabad, South																						
Gulbarga	1,503	961.1	+ 0.8	956.8	99.8	+ 0.7	104	30	72.0	+ 1.5	68	10	78.6	98.3	61.7	68.5	11.5	- 0.8	10.9	35	-	
Raichur	1,311	967.5	+ 0.9	963.5	99.3	+ 0.8	103	22	75.8	+ 1.5	71	2, 10	78.2	97.9	65.4	72.2	15.4	- 1.5	14.9	48	-	
Hyderabad(Begumpet)	1,778	952.2	+ 1.0	948.3	98.8	+ 2.1	103	30	67.9	- 0.5	63	3	76.4	95.7	66.4	74.4	17.7	+ 0.1	19.7	58	-	
Hanamkonda	881	982.3	+ 0.5	978.2	98.8	+ 2.8	103	29	72.2	+ 1.0	67	2	75.5	97.7	68.1	68.4	19.8	- 0.7	10.2	67	+	
Khammameth	867	1000.3			995.5	100.0		105	23	78.7		69	9	77.7	98.6	74.1	74.5	26.8		17.9	64	
Mysore																						
Chitaldrug	2,405	931.7	+ 0.8	927.8	94.9	0	98	22	71.7	+ 1.2	68	6, 17	75.2	98.5	65.6	67.9	17.3	+ 1.1	12.2	59	+	
Hassan	3,149	908.6		904.5	91.9	+ 0.3	94	5 days	64.4	+ 1.2	60	9	69.3	89.8	64.1	64.5	18.2	+ 0.3	9.8	77	+	
Bangalore	3,021	912.2	+ 0.9	908.4	91.0	+ 0.7	95	24	66.0	+ 1.5	60	8, 9	71.1	89.8	68.8	62.5	16.7	- 0.9	8.2	67		
Mysore	2,518	928.4	+ 0.9	924.0	92.9	- 0.8	96	24	68.4	+ 0.8	68	9	71.2	92.5	66.5	64.1	20.2	+ 0.7	9.9	78	+	
Malabar																						
Mangalore	72	1010.1	+ 0.8	1006.5	90.5	+ 0.9	98	11	76.4	+ 0.7	72	6	79.7	86.8	75.2	78.0	29.5	+ 3.0	28.1	80	+	
Calicut	27	1011.4	+ 0.7	1007.4	91.9	+ 1.8	93	8 days	77.2	+ 1.1	74	9	80.5	88.6	76.4	81.2	29.1	+ 1.5	32.8	82	+	
Palghat	319	1001.7			996.8	100.6		104	24	76.9		73	1	80.2	97.7	74.5	74.7	26.6		18.5	75	
Cochin	10	1011.9	+ 0.4	1007.9	88.5	+ 0.6	93	11, 28	79.2	+ 1.2	74	9	82.2	86.6	76.9	79.3	28.7	+ 0.8	30.8	78		
Alleppey	12	1011.9			91.4		96	11	77.8		73	9	82.7	87.6	78.4	79.7	30.5		30.5	82		
Trivandrum	200	1004.9	+ 0.3	1001.5	90.9		95	12	75.7		73	5 days	78.5	86.3	74.3	77.2	27.5	+ 0.5	27.4	81	+	
Madras, Southeast																						
Pamban	37	1011.5	+ 1.0	1008.4	87.0	- 1.6	91	31	77.0	+ 0.3	71	2, 3	81.2	82.4	76.3	77.1	28.3	- 0.3	28.9	79		
Madura	437	997.7	+ 0.6	993.2	94.8	- 0.5	99	22	79.2	+ 0.7	68	8, 19	78.4	93.5	72.9	73.8	24.6	- 0.7	19.3	76	+	
Negapatam	31	1011.6	+ 0.6	1008.6	86.1	- 2.1	95	23	77.0	+ 0.7	72	8, 19	80.5	83.9	75.3	76.4	27.4	- 0.2	27.3	78		
Trichinopoly	295	1003.3	+ 0.9	998.9	96.0	- 1.2	100	21, 22, 23	78.0	- 0.1	68	2	78.9	94.3	73.4	74.1	24.4	- 1.1	19.3	77	+	
Coimbatore	1,341	967.0	+ 0.5	962.5	95.4	0	98	21, 22, 23, 24	70.7	+ 0.5	68	9	75.7	93.6	68.8	68.7	20.6	- 2.9	12.4	69	-	
Salem	913	981.7	+ 0.7	976.5	98.0	0	101	23	71.1	- 0.3	64	8	74.4	96.0	68.3	70.4	20.8	- 3.0	13.7	72	-	
Cuddalore	39	1011.8	+ 0.8	1008.4	87.8	- 1.1	91	5	72.6	- 0.1	66	2	75.7	84.1	73.9	77.1	27.4	- 0.6	28.2	91	+	
Vellore	703	968.7	+ 1.0	984.5	94.5	+ 0.3	100	23	70.1	+ 0.3	65	1, 2, 8	73.5	98.4	70.8	78.3	28.8	- 0.5	25.5	86	+	
Madras	51	1011.1	+ 0.6	1007.7	91.5	+ 0.1	98	23	78.9	+ 1.5	69	1, 2	77.6	85.8	74.9	75.8	28.1	+ 1.7	25.8	87	+	
Madras, Deccan																						
Cuddapah	428	997.9	+ 1.1	992.8	101.6	+ 0.7	108	23	74.0	- 0.8	68	6	82.9	99.3	70.0	70.1	18.9	- 3.3	11.6	50	- 1	
Bellary	1,473	961.																				

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10* or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																		STATION.		
Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.									18 hrs. I. S. T.											
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53		
0.9	0.4	0.4	0	-0.05	0		0	-0.1	7.9	-0.2	2	4	8	11	1	0	0	0	5	12	0	0	0	0	2	11	6	0	Konkan		
0.4	-1.2	0.5	0	-0.05	0		0	-0.1	5.5	-1.7	2	10	9	6	3	1	0	0	0	12	0	0	0	0	1	6	12	0	Dahanu		
0.9	-0.7	0	-0.02	0			0	-0.1	3.6	-2.4	3	5	3	1	0	0	0	0	19										Bombay		
1.4	1.6	0	0				0		8.3		8	6	4	3	1	0	0	0	4	5	1	0	0	1	2	8	7	12	0	Alibag	
2.0	+1.0	1.8	0	-0.03	0		0	-0.1	7.0	+0.3	8	2	9	7	1	0	0	0	2	2	0	0	0	0	1	15	5	8	0	Harnai	
2.0	2.0	0	0				0				0	11	20	0	0	0	0	0	0	0	0	0	0	0	0	0	9	14	8	0	Ratnagiri
2.3	-0.4	1.9	0	-0.01	0		0	-0.1	7.4	+1.0	3	4	8	8	5	1	1	1	0	0	0	0	0	0	0	2	21	8	0	Devgad	
2.0	2.2	0	-0.05	0			0	-0.1	3.5		0	1	26	4	0	0	0	0	0	0	0	0	0	0	1	0	20	10	0	Marmagao	
0.7	0.6	0	-0.15	0			0	-0.5			0	0	3	0	0	0	0	28	0	0	0	0	5	0	0	0	26	0	0	Honavar	
0	-1.4	0	0	-0.08	0		0	-0.3	4.5	-0.6	2	0	0	0	1	3	18	3	4	0	16	0	2	0	1	8	4	0	Bombay Decean		
0	-1.0	0.7	0	-0.21	0		0	-0.3	5.1	-0.2	0	1	0	0	0	1	0	4	25	0	14	0	4	0	1	0	10	2	0	Jalgaon	
0	-1.0	0.8	0	-0.06	0		0	-0.2	2.6	-2.5	0	0	0	0	0	6	6	0	19	1	3	3	1	1	4	10	6	2	Ahmednagar		
0.2	-1.0	1.5	0	-0.23	0		0	-0.5	5.5	-0.2	8	5	8	7	3	0	0	3	2	7	9	5	1	1	4	1	1	2	2	0	Poona
0.1	-1.1	0.9	0	-0.15	0		0	-0.7	5.5	+0.2	2	3	2	2	0	1	1	2	18	1	4	9	2	1	1	4	4	5	0	Sholapur	
0.5	-0.6	1.7	0	-0.21	0		0	-0.6	2.7	-1.3	7	5	1	1	5	6	2	4	0	1	14	0	7	2	0	4	3	0	Miraj		
0	-1.1	0.8	0	-0.41	0		0	-0.9	4.0	+0.7	9	4	11	0	0	0	7	0	0	0	4	7	0	1	0	19	0	0	Bijapur		
2.0	+0.9	2.2	0	-0.22	0		0	-0.7	4.9		0	4	4	5	3	6	4	5	0	6	11	6	2	0	2	0	4	0	0	Belgaum	
0	-1.4	0.3	0	-0.20	0		0	-0.5	7.1	+0.9	3	6	7	4	3	0	5	1	2	5	7	3	3	0	0	5	8	0	Gadag		
0.1	0.4	0	-0.27	0			0	-0.5			5	2	0	1	0	7	12	2	2	3	11	1	1	0	4	6	1	1	1	Hyderabad, North	
0.2	-2.0	1.5	0	-0.42	0		0	-1.2	6.3	+0.1	3	4	2	1	3	11	2	5	0	5	9	4	1	0	3	3	5	1	Parbhani		
0.1	-1.4	0.3	0	-0.40	0		0	-0.8	3.5	+0.8	0	1	1	1	2	2	8	2	14	6	6	2	0	1	4	1	3	8	0	Bidar	
0	0	0	0	0			0		4.7		0	3	1	9	5	9	0	4	0	1	0	0	6	11	5	2	2	Nizamabad			
0.1	-0.8	0.5	0	-0.37	0		0	-0.8	6.4	+0.7	6	11	4	3	2	0	3	0	2	3	9	7	3	1	1	2	4	1	0	Peddapalli	
0	-1.3	0.4	0	-0.14	0		0	-0.4	6.5	+1.0	1	2	3	11	1	1	2	4	6	4	11	6	9	0	0	0	1	0	0	Gulbarga	
0.1	-1.6	0.4	0	-0.46	0		0	-0.9	4.9	+1.2	0	1	5	2	4	2	2	7	8	0	4	11	7	1	1	3	2	0	Raichur		
0.4	-2.1	0.7	0	-0.46	0		0	-0.8	5.6	+0.4	2	1	0	12	11	1	0	1	3	7	1	1	8	5	2	1	6	0	Hyderabad(Begumpet)		
2.9	1.0	0	0	0			0		5.5		0	0	6	23	1	0	0	0	1	0	0	6	11	5	2	2	1	4	0	Hanamkonda	
0.9	-0.7	1.1	0	-0.17	0		0	-0.4	4.0	+1.0	0	0	0	6	1	5	6	4	9	0	5	18	2	0	1	1	2	2	0	Khammameth	
1.9	0	2.0	0	-0.37	0		0	-0.6	4.4	+0.9	0	4	5	2	0	6	6	4	4	0	5	19	3	0	2	2	0	0	Mysore		
1.3	-0.4	0.8	0	-0.40	0		0	-0.8	6.4	+1.9	0	1	7	9	0	3	5	1	5	1	7	18	4	0	1	0	0	0	0	Hassan	
1.3	-1.2	2.5	0	-0.51	0		0	-0.8	6.7	+2.1	1	3	2	3	4	7	4	0	7	1	11	15	2	0	1	1	0	0	0	Bangalore	
1.3	-1.0	0.8	0	-0.21	0		0	-0.8	5.0	+1.4	0	6	24	0	0	0	0	0	1	1	0	0	0	0	0	4	9	17	0	Malabar	
3.3	+0.7	3.6	0	-0.68	0		0	-0.8	8.3	+1.7	2	15	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	18	0	Mangalore
1.5	2.3	0	0				0		6.0		0	3	12	4	0	0	5	0	7	0	1	15	5	0	2	7	1	0	Calicut		
4.5	+2.0	4.5	1.36	-1.35	1.25	14	1	-1.8	7.8	+1.5	2	15	11	2	0	0	0	0	1	0	0	0	0	0	0	0	1	22	8	0	Palghat
5.0	3.9	2.26	0.88	31	5		0		7.4		0	12	11	4	0	0	0	0	4	0	0	0	0	0	0	0	3	18	10	0	Cochin
2.2	-0.6	5.5	0.41	-1.13	0.32	30	1	-1.5	4.6	+0.8	7	10	6	1	0	0	0	3	4	0	0	0	0	7	11	7	6	0	Alepppey		
4.5	+1.3	3.4	0.44	-0.28	0.22	31	2	+0.6	6.0	+0.5	4	12	10	2	2	0	0	1	0	8	17	0	4	2	0	0	0	0	0	0	Pramban
3.5	-0.7	3.2	0.02	-0.68	0.02	10	0	-1.0	3.6	+0.2	5	6	2	0	0	0	2	16	0	10	20	1	0	0	0	0	0	0	0	Madura	
2.9	-2.1	1.8	0.14	-0.65	0.13	10	1	0	8.4	+2.1	0	8	3	2	1	1	4	6	6	0	13	10	6	1	1	0	0	0	0	0	Negapatam
3.2	+0.9	2.5	0.04	-0.32	0.01	10	0	-0.7	3.7	+1.0	6	12	3	2	0	1	1	6	1	15	11	3	1	0	0	0	0	0	0	Trichinopoly*	
1.7	-1.6	1.5	0	-0.50	0		0	-0.9	0.6	-1.9	0	0	0	0	0	0	0	0	31	0	1	6	5	0	0	0	0	0	Coimbatore		
0.9	-1.0	1.6	0	-0.49	0		0	-0.9	6.7	+2.2	1	12	12	1	0	1	1	0	3	0	10	13	2	2	2	2	0	0	0	Salem	
3.3	+0.2	2.7	0.42	-0.27	0.40	31	1	+0.4	6.0	+1.9	0	0	0	2	3	11	14	1	0	4	11	16	0	0	0	0	0	0	0	Cuddalore	
1.8	-0.4	1.2	0	-0.27	0		0	-0.5	3.7	+0.6	1	0	0	0	1	2	0	0	27	0	5	8	12	5	1	0	0	0	Vellore		
1.1	-1.5	0.6	0.03	-0.27	0.02	31	0	-0.4	9.0	-0.6	1	1	0	2	4	9	9	5	0	1	6	1	23	0	0	0	0	0	0	0	Madras
0.2	-1.3	0.5	0	-0.18	0		0	-0.3	6.8	-0.8	1	0	4	4	0	0	0	0	22	0	0	18	6	0	0	1	0	6	0	0	Madras, Decean
0.2	-1.3	1.3	0	-0.21	0		0	-0.6	4.0	+0.7	1	0	0	1	4	2	1	6	16	2	2	9	6	4	0	0	1	7	0	Cuddapah	
0	-1.3	0.8	0	-0.21	0		0	-0.4	4.1	+0.2	1	0	3	6	3	2	1	2	13	1	4	13	7	1	1	2	1	1	1	1	Bellary
0.5	-3.4	1.3	0	-0.09	0		0	-0.3	5.4	-0.4	1	2	1	7																	

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %		
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Madras Coast, North																					
Nellore	66	1010.8	+1.2	1007.4	95.0	+ 0.7	102	22	78.0	+ 0.1	69	1, 19	76.7	89.4	74.1	77.6	27.3	+0.6	30.1	88	+ 7
Ongole (R)	...																				
Masulipatam	10	1012.7	+0.7	1009.5	89.9	- 0.6	96	20	78.4	+ 1.1	68	1, 2	78.4	86.4	76.0	77.9	29.1	+0.8	28.4	89	+ 7
Cocanada	26	1012.5	+0.8	1008.5	90.2	- 1.6	95	20	74.0	+ 0.5	69	1, 2	78.0	88.2	75.0	74.3	28.1	+1.6	26.9	87	+ 10
Vizagapatam	126	1008.9	+0.9	1005.3	86.0	- 1.1	93	20	75.0	+ 0.4	71	7, 10	79.1	83.0	73.9	76.0	27.4	+2.2	27.1	77	+ 3
Calingapatam	19	1011.8	+0.2	1008.6	90.9	+ 0.9	92	28	78.7	+ 0.9	68	1	77.2	83.7	73.9	76.9	26.7	+0.5	28.1	85	+ 7
Hill Stations, ex- cluding Kashmir and Baluchistan																					
Shillong	4,921	851.9	+1.4	849.4	71.6	+ 1.2	81	90	52.2	+ 1.4	48	10	64.8	64.7	58.5	55.7	9.5	+0.2	11.7	46	- 2
Cherrapunji	4,809	871.3	+1.5	868.6	68.6	- 0.1	76	29	56.5	+ 1.6	47	13	63.8	64.6	56.1	58.3	12.7	+0.6	13.9	65	+ 4
Ajai	8,599	892.6		889.7	79.5		88	25, 31	60.4		52	13	67.9	73.9	58.0	61.1	12.6		13.3	56	
Darjiling	7,482				58.2	+ 2.8	66	29, 31	44.4	+ 1.4	35	1	50.8	49.9	45.9	45.4	8.7	+0.1	8.7	69	- 3
Kalimpong	3,965	879.6	-0.4	878.5	70.5	+ 1.1	77	31	51.4	- 3.2	42	1, 18	61.1	65.7	55.6	58.5	18.0	+1.2	14.1	70	+ 5
Katmandu	4,998	871.0		868.5	77.4	0	85	28	46.7	+ 1.3	36	6	52.5	79.0	49.1	64.3	10.5	+1.2	17.2	77	+ 8
Muktesar	7,592	771.2	-1.1	771.1	60.6	+ 1.9	76	31	44.1	+ 1.5	35	5, 6	48.3	56.9	39.5	45.8	5.1	-0.2	6.6	45	+ 1
Mussooree	6,940	797.6		796.8	61.7	+ 2.0	79	31	44.5	- 0.3	28	6	52.1	57.4	42.9	48.1	6.2	+0.2	8.0	49	- 2
Simla	7,224	782.3	+1.2	781.6	59.0	+ 2.0	75	31	45.1	+ 1.5	24	5	51.4	55.9	39.9	43.7	4.3	-0.3	5.4	38	- 1
Murree	7,118	784.3	+0.7	784.0	58.9	- 1.7	70	27, 31	39.6	+ 1.8	19	5	43.3	50.9	37.6	44.5	5.7	+0.3	7.6	63	+ 8
Wana	4,456	862.6		859.8	69.8	+ 4.1	87	27	33.2	- 0.8	23	5, 6	43.4	68.0	39.1	49.8	6.3	-0.3	5.1	68	- 1
Cherat	4,272	870.1	+0.4	869.0	62.2	+ 1.0	79	31	47.8	+ 0.1	27	4	51.1	60.1	43.2	47.7	6.4	-0.6	6.3	52	- 7
Parachinar	5,673	826.4	+0.2	825.4	61.6	+ 1.8	78	28	39.8	+ 1.2	20	4, 5	43.5	57.7	38.8	45.8	6.2	+0.3	5.8	68	+ 6
Drosh (R)	4,709																				
Abu	8,945	882.9	+1.0	881.6	79.9	+ 3.3	91	28, 29, 30	62.5	+ 1.5	39	5	66.4	77.9	51.0	55.6	6.6	-0.8	6.2	31	- 7
Pachmarhi	8,528	996.2	+0.7	894.6	85.7	+ 1.6	95	30, 31	57.6	- 1.8	40	7	66.0	84.3	51.8	58.7	7.6	-1.9	6.7	36	- 4
Mahabaleshwar	4,584	866.5	+2.6	863.7	85.8	+ 3.4	90	5 days	63.9	+ 1.3	57	6	67.8	82.1	52.6	63.7	7.5	-0.9	12.7	32	- 8
Mercara	3,781	887.5	+0.6	884.7	85.8	+ 1.1	88	17, 30	61.9	+ 0.3	58	19	67.7	82.3	62.6	66.7	17.2	+0.7	15.9	78	+ 1
Ootacamund	7,364	782.3	+1.2	780.8	74.0	+ 4.0	76	27	47.0	- 0.9	42	2	51.5	69.5	46.3	59.7	8.8	+0.4	18.4	67	+ 14
Coonoor	5,730	829.8																			
Kodaikanal	7,688	773.2	+1.2	772.2	66.7	+ 0.5	70	22, 27	50.1	- 0.1	45	8	55.1	62.1	46.3	54.0	7.5	-0.3	11.3	53	+ 4
Ceylon																					
Colombo	24	1011.5	+0.8	1008.5	88.5	- 0.1	96	8	73.9	- 0.3	69	1, 2, 3	76.8	83.7	74.0	76.1	27.3	-0.5	27.3	87	- 3
Trincomalee	24	1011.9	+1.7	1008.8	84.4	- 8.6	90	20	75.3	- 0.8	70	1	79.0	82.2	75.5	76.0	28.6	+0.2	27.9	84	- 2
Hambantota	61	1009.5	+0.2	1006.3	85.9	- 1.0	89	6, 16	73.9	- 0.1	69	1	75.9	83.2	78.4	77.0	26.9	+0.3	28.9	88	0
Nuwara Eliya	6,170	815.4	+0.5	813.7	70.9	+ 0.2	76	30	45.6	- 0.5	42	1	53.2	64.2	49.4	57.1	10.5	-1.5	18.3	78	- 8
Afghanistan																					
Jalalabad	1,950	946.5		945.3	72.2		88	29	49.5		30	5	55.2	69.5	52.0	62.8	11.0		16.5	81	
Kabul	5,955	821.3		818.4	59.5	+ 0.7	71	28	34.0	+ 0.4	15	4, 5	37.7	51.5	34.4	42.4	5.5	+0.9	5.9	74	- 1
Kandahar	3,462	903.5		901.3	73.7		88	14, 26, 27	39.8		21	4, 5	46.1	71.5	41.6	53.8	7.0		6.7	68	

(R)—Register not received.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION				
Mean 9 hrs. I.S.T.	Departure from normal.	Mean 18 hrs. I.S.T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.								18 hrs. I. S. T.								STATION				
											N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm			
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53		
4.4	+1.8	4.2	0	- 0.17	0		0	- 0.3	5.3	+ 1.0	2	0	1	5	10	7	0	1	5	0	2	9	12	7	1	0	0	0	Madras Coast, North Nellore		
1.7	- 1.2	0.3	0	- 0.42	0		0	- 0.5	5.2	+ 0.9	3	5	0	2	9	1	0	1	10	0	0	0	0	14	17	0	0	0	Ongole (R)		
1.0	- 2.4	0.1	0	- 0.48	0		0	- 0.7	6.4	+ 1.9	1	6	0	0	0	12	3	6	3	0	0	0	0	14	6	11	0	0	Masulipatam		
1.6	- 1.3	0.5	0	- 0.47	0		0	- 0.8	4.7	+ 0.6	0	2	0	0	2	9	13	0	5	0	1	2	2	23	3	0	0	0	Cocanada		
4.1	+2.0	4.0	0	- 0.44	0		0	- 0.6	9.0	+ 2.7	16	0	0	0	0	0	0	15	0	0	0	0	1	15	15	0	0	0	Vizagapatam		
																													Calingapatam		
1.5	- 0.9	5.3	1.55	- 0.42	0.73	19	3	- 0.9	3.9	- 0.3	0	0	1	0	3	14	2	2	9	1	0	0	0	0	1	6	2	1	20	Hill Stations, ex- cluding Kashmir and Baluchistan	
3.9	+0.1	3.9	13.69	+ 6.42	5.86	20	10	+ 2.9	7.3	+ 0.7	1	2	10	3	4	9	1	1	0	0	1	1	0	0	26	2	1	0	0	Cherrapunji	
2.0	2.2	0.37		0.35		13	1		6.8		1	0	13	0	4	9	1	0	3	1	0	0	0	0	0	20	6	3	1	0	Mawsynram (R)
3.9	+0.1	6.1	1.62	- 0.26	1.42	18	1	- 2.6	6.2	+ 1.2	1	3	14	0	0	3	2	0	8	0	0	0	1	1	3	18	0	8	Aijal		
1.5	- 0.8	3.3	0.53	- 0.58	0.40	18	2	- 1.0	7.1	- 0.6	1	0	0	2	0	0	1	27	0	0	0	0	27	0	0	0	4	Darjiling			
2.6	- 1.1	4.6	0.47	- 0.12	0.28	19	2	+ 0.8	1.2	- 0.2	0	0	0	0	0	0	1	0	30	0	0	2	0	1	0	12	3	13	Kalimpong		
2.6	- 0.7	2.5	1.24	- 0.66	0.38	20	4	5	+ 0.9	10.7	+ 4.4	0	5	5	1	0	2	12	6	0	0	0	1	1	6	17	5	0	Muktesar		
2.1	- 1.7	3.7	2.44	+ 0.18	0.82	21	6	+ 2.8	5.9	+ 1.2	7	6	3	3	3	0	1	6	2	1	3	2	4	8	10	1	0	2	Mussooree		
3.3	- 0.7	4.0	1.44	- 0.92	0.82	21	8	- 1.7	3.4	- 0.6	4	8	2	2	4	1	0	3	7	5	1	0	3	7	6	2	5	2	Simla		
6.6	+2.1	7.1	4.36	- 0.45	1.49	22	8	- 0.7	10.2	+ 4.2	0	4	12	8	2	0	0	3	2	0	1	9	8	3	0	6	4	0	Murree		
3.0	- 0.2	5.6	0.40	- 1.53	0.16	23	2	- 1.9	4.5		2	1	0	1	6	8	5	0	8	1	0	5	7	8	3	5	2	0	Wana		
3.3	- 0.6	5.4	1.88	- 2.41	1.30	24	4	- 1.6	9.7	+ 0.9	23	0	0	2	0	0	0	0	1	5	16	0	0	3	2	0	0	0	Cherat		
4.7	+0.6	3.8	3.94	- 0.40	1.39	25	7	- 0.7	4.5	+ 1.7	13	1	2	0	1	0	6	4	4	2	0	2	16	2	0	4	5	0	Parachinar		
1.1	- 0.8	0.8	0	- 0.17	0		0	- 0.5	5.0	- 0.1	6	1	1	0	0	3	5	4	11	5	3	1	2	2	7	5	4	2	Drosh (R)		
0.6	- 1.4	0.8	0	- 0.56	0		0	- 1.3	2.8	- 0.7	0	4	1	0	1	2	5	6	9	2	6	0	0	0	1	8	12	2	Abu		
0.4	- 0.5	1.3	0	- 0.17	0		0	- 0.4	6.3	- 0.3	0	14	0	7	0	0	0	10	0	0	5	0	2	0	4	0	19	0	Mahabaleshwar		
0.8	- 2.4	2.9	0	- 0.76	0		0	- 1.6	5.3	+ 2.2	0	6	6	0	0	0	0	0	19	0	6	7	1	0	0	9	8	0	Mercara		
0.6	- 1.5	3.0	0	- 1.28	0		0	- 2.6	2.0	- 1.3	0	9	8	0	0	0	0	0	14	1	6	11	1	0	0	0	0	Ootacamund			
0.4	- 2.3		0.20	- 3.04	0.10	11	1	- 1.8	5.0	+ 1.5	1	1	9	6	1	0	0	0	13										Coonoor		
1.6	- 0.5	4.5	0.03	- 1.78	0.08	12	0	- 3.1	9.9	+ 1.7	7	20	3	0	0	0	0	0	1	6	8	3	3	2	0	0	3	6	Kodaikanal		
4.2	- 0.4	5.2	5.02	+ 0.74	1.79	13	8	+ 1.9			0	9	10	6	0	0	0	0	6	2	2	0	0	1	3	10	11	1	Ceylon		
4.1	+0.4	3.9	2.14	+ 0.18	0.75	14	6	+ 3.3			0	8	3	3	6	4	1	3	3	15	10	2	0	0	1	0	0	Colombo			
4.2	+0.5	4.8	3.10	- 0.86	1.00	15	5	0			14	9	0	0	0	1	0	6	1	0	4	12	5	1	8	1	0	0	Trincomalee		
3.8	- 0.5	7.1	3.72	+ 0.29	0.63	16	8	+ 1.5																					Hambantota		
6.8		8.3	1.27		0.47	17	5		3.5		2	5	0	0	0	0	8	8	8	1	6	3	2	0	0	5	5	9	Nuwara Eliya		
6.4	+2.0	6.5	2.06	- 1.53	0.46	18	5	- 2.1	4	+ 1.0	0	2	1	3	5	4	3	8	2	11	1	3	1	1	2	3	7	Afghanistan			
4.7		5.1	0.06		0.06	19	0		3.5		2	2	1	0	0	3	2	5	16	0	1	1	0	13	10	2	3	Kandahar			

(R)—Register not received.

a—Mean of 30 days.

TABLE III—ABSTRACT OF OBSERVATIONS RECORDED

STATION.	Height of bar. eastern sea level in feet.	Pressure reduced to 52° F and standard gravity, millibars.			Maximum temperature °F.			Minimum temperature °F.			Dry bulb temperature °F.			Wet bulb temperature °F.			Vapour pressure, millibars.			Relative humidity %				
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 19 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 19 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 19 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 19 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 19 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 19 hrs. G. M. T.		
1	9	8	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22			
Iran																								
Charbar (R)	...	25																						
Jask	...	13	1013.6		1011.5	80.5	0	88	11	67.0	+ 0.4	57	3	70.3	78.8	63.4	69.6	16.8	- 1.8	20.6	67	- 5		
Bandar Abbas	...	29	1014.6		1011.2					68.6		55	1, 3	73.1	78.4	62.2	65.7	14.1		15.9	53			
Bushire	...	14				70.0	- 2.8	84	9	55.5	- 3.7	45	4	61.9	67.5	57.5	62.1	14.1	- 0.4	16.6	75	0		
Ispahan (R)	...	5,817																						
Mesched	...	8,104	900.9		897.4	55.5	- 1.4	73	7	33.6	- 1.1	20	3	41.2	53.6	37.2	45.0	6.0	- 0.4	10.8	70	- 7		
Seistan	...		959.7		956.2					48.1	+ 1.4	28	3	55.4	74.6	48.5	56.9	8.6	- 0.8	8.9	59	- 7		
Arabia																								
Bahrain	...	12	1016.9		1016.2	71.0	- 3.5	80	9	61.8	- 0.3	53	2, 3, 5	64.3	69.3	60.6	69.3	16.5	- 0.8	17.1	79	+ 2		
Muscat	...	15	1013.3		1011.7	80.5	- 0.5	94	14	72.9	+ 1.0	65	4	77.2	78.5	66.1	65.4	16.9	- 1.5	15.5	55	- 10		
Sharjah	...	18	1015.4		1018.3	81.7	+ 3.0	100	26	60.0	+ 1.1	51	4	65.0	77.4	58.9	66.5	14.3	- 0.8	17.2	69	- 5		
ADDENDA																								
January 1945																								
Bandar Abbas	...	29	1017.8		1014.9					58.7		46	10	62.8	67.3	55.1	58.3	11.5		12.6	58			
February 1945																								
Charbar	...	25	1013.5		1011.8					61.2	- 0.2	52	1	64.7	74.6	61.5	68.0	17.3	+ 0.2	20.5	82	+ 4		
Bandar Abbas	...	29	1014.9		1012.8					58.0		54	1, 2, 14	66.6	72.7	59.2	61.7	18.8		19.8	63			

(R)—Register not received.

b—Mean of 99 days.

e—Mean of 26 days.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 4TH CLASS STATIONS—MARCH 1

STATION.	Maximum temperature °F.			Minimum temperature °F.			Mean dry bulb temperature 9 hrs. I. S. T. °F.	Mean wet bulb temperature 9 hrs. I. S. T. °F.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.	Relative Humidity %	Rainfall, inches.			Number of rainy days (0.10" or more).	Wind direction 9 hrs. I. S. T.			
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.								Total of month.	Departure from normal.	Heaviest fall in 24 hours.	Date.			
1	9	8	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Assam																						
Lumding	...	88.0	+ 1.8	94	17	62.6	+ 4.4	55	1	64.4	61.6	17.4	- 0.6	84	+ 5		0.58	- 1.22	0.26	19	3	- 1.3
Bengal																						
Pabna	...	98.9	+ 1.6	103	29	65.5	+ 1.9	48	8	73.1	67.9	21.1	+ 0.8	76	+ 6		0.74	- 0.47	0.74	18	1	- 0.9
Kashmir																						
Jammu (a)	...	80.1	+ 1.2	99	31	58.4	- 0.9	40	5	62.9	54.3	10.8	+ 0.4	57	+ 2	5.5	1.38	- 0.65	0.70	3	3	- 0.7
Kargil	...	37.3	- 3.9	50	31	21.7	- 0.4	2	8	23.6	21.5	8.8	- 0.2	76	- 2	4.4	2.80	+ 0.15	0.60	3	8	+ 4.0
Mysore																						
Balehonnur	...	89.9	+ 2.4	99	25, 27, 28	64.8	+ 1.5	60	5	69.4	65.2	19.0	+ 0.6	82	0		0	- 1.24	0	0	0	- 1.8
Tibet																						
Yatung (Chumbl)	...	58.0	+ 1.4	65	28	24.4	- 3.1	11	13	32.4	31.4	5.6	- 0.3	90	+ 3	4.5	1.85	- 0.21	0.50	20	7	+ 1.6
Iran																						
Zahidan	...	74.5	+ 7.6	89	18	47.7	+ 8.1	24	4	58.8	44.8	4.6	- 4.1	30	- 44	3.0	0.06	- 0.26	0.06	30	0	- 1.4

(a)—Mean of 30 days.

N 10 W
S 61 W

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10' or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from												STATION.								
Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	4 hrs. G. M. T.						12 hrs. G. M. T.														
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53		
1.3	- 1.1	2.5	0	- 0.65	0		0	- 1.2	8.1	- 0.6	3	4	4	0	0	1	4	7	8	0	1	0	2	4	12	11	1	0	0	Iran	
0.5	0.6	0			0		0		6.7		1	20	2	0	0	2	2	4	0	0	6	0	7	7	9	0	0	0	Charbar (R)		
2.6	- 0.2	2.2	0.79	- 0.05	0.85	26, 27	2	+ 0.2	10.8	+ 2.5	6	9	4	4	0	0	0	0	9	5	10	2	0	0	2	1	0	14	2	Jask	
5.0	- 1.1	5.0	2.19	- 0.07	0.80		29	6	+ 0.7	2.8	+ 0.9	4	0	5	1	2	0	2	1	16	0	0	3	8	1	0	1	2	21	Bandar Abbas	
4.2	+ 1.1	4.3	0.26	- 0.29	0.26		29	1	- 0.8			0	0	0	0	0	0	0	7	24	0	0	0	0	0	0	0	6	25	Bushire	
3.3	- 0.2	3.6	0.23	- 0.32	0.16		28	1	- 0.2	8.1	- 1.2	4	3	0	1	3	0	1	14	5	7	3	1	2	0	0	0	18	0	Ispahan (R)	
0.7	- 1.6	0.5	0	- 0.40	0		0	- 1.1	6.5	+ 2.4	0	0	0	0	0	0	2	16	13	0	0	11	0	0	0	0	0	18	2	Meshed	
2.4	- 1.0	2.0	0.02	- 0.39	0.02		31	0	- 0.9			0	1	4	11	7	2	1	3	2	5	0	0	0	0	0	0	14	12	Selstan	
1.9		2.3	3.47		1.50		17	5		5.1		3	13	0	0	1	1	1	8	4	0	9	1	2	1	5	2	3	8	Arabia	
2.9	+ 0.4	1.8	0	- 1.01	0		0	- 1.8			0	2	2	1	1	0	2	5	15	0	0	0	2	4	11	10	1	0	Charbar		
1.4	1.9	0.10	0.10	0.10	10	1		5.7			1	17	0	2	0	0	0	7	1	0	4	0	5	8	7	0	2	0	Bandar Abbas		

(R)—Register not received.

b—Mean of 29 days.

e—Mean of 26 days.

Iran
Charbar (R)Jask
Bandar Abbas
Bushire
Ispahan (R)
Meshed
SelstanArabia
Bahrain
Muscat
Sharjah

ADDENDA
January 1945
Bandar Abbas
February 1945Charbar
Bandar Abbas

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 5TH CLASS STATIONS—MARCH 1945

DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0-10' or more).	DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0-10' or more).			
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.				Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.				
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	
Assam	Mawsynram (R)	...						Baluchistan	Harnai	...	0	- 1.41	0			0 - 2.9
Bengal	Bankura	0.24	- 0.85	0.24	13	1	- 0.9	Rajputana, East	Udaipur	...	0	- 0.10	0			0 - 0.3
	Rajshahi	0.21	- 0.96	0.21	13	1	- 0.8	Bombay Deccan	Khandala (R)	...						
	Sirajganj	1.19	- 0.09	1.12	13	1	- 1.1	Madras Southeast.	Palamoottah	...	0.93	- 0.11	0.60	11	3 + 1.0	
	Rangpur	0.12	- 0.88	0.08	19	0	- 1.6	Madras Deccan	Anantapur	...	0	- 0.15	0			0 - 0.3
	Cooch Behar	0.22	- 1.42	0.08	12, 19	0	- 2.5	Sikkim	Lachung	...	5.46	+ 0.44	2.15	20	5 - 6.4	
Bihar	Muzaffarpur	0	- 0.38	0		0	- 0.9									
	Chapra	0	- 0.36	0		0	- 0.9									
	Arrah	0	- 0.38	0		0	- 0.9									
	Dehri	0	- 0.44	0		0	- 1.0									
United Provinces West.	Meerut	0	- 0.60	0		0	- 1.4									
Punjab, East and North.	Dharampore	2.15	+ 0.26	1.10	3	3	+ 0.1									
	Kyelang	5.08	+ 1.24	1.90	17	9	+ 1.5									
	Dalhousie	6.77	+ 2.90	1.50	1	9	+ 3.1									
Kashmir	Sonamarg	18.98	+ 5.57	3.24	20	16	+ 3.5									
	Gurez	14.87	+ 5.75	4.40	3	14	+ 2.7									

INDIA WEATHER REVIEW, 1945

Monthly Weather Report

April

AMERICAN CONSULATE

NOV 7 - 1945

KARACHI, INDIA

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Chief Features.—(1) Western disturbances were moderately active.

(2) A low pressure area developed off the Coromandel coast on the 2nd and gave widespread rain in southeast Madras.

The unsettled conditions which were noticed in the southwest Bay of Bengal towards the end of March became marked on the 1st April. By the 2nd evening these developed into a shallow depression which at 1800 hrs. was centred near Lat. 13°N., Long. 83°E. The depression however did not develop and by the next morning lay as an extended trough off the Coromandel-Circars coast. Associated with these developments widespread rain fell in southeast Madras on the 1st and 2nd, Madras recording 3·8" on the 2nd morning.

Conditions again became unsettled in the southwest Bay and neighbourhood on the 5th and rapidly extended into the Comorin area. These unsettled conditions persisted there till the 8th, causing local thundershowers in south Malabar on the 6th and 7th. Trivandrum reported 4·6" on the 7th morning.

Eight western disturbances passed across the country during the month.

On the 1st a low pressure area was over the North-West Frontier Province and neighbourhood. General rain was falling in Kashmir while the minimum temperature had fallen in Baluchistan and Sind. On the 2nd the minimum temperatures were 8° to 12° below normal over Sind, Baluchistan and the southwest Punjab. The first western disturbance passed across the extreme north of the country during the 4th and 5th and caused a few showers in the North-West Frontier Province. A closely following western disturbance began affecting the northwest frontier on the 6th. This was fairly active and in conjunction with the previous disturbance gave widespread precipitation on the 7th from the North-West Frontier Province and Kashmir to the hills of the west United Provinces. A marked fall in day temperatures over northwest India followed the passage of these two disturbances. Day and night temperatures were 8° to 12° below normal in the Punjab and Kashmir on the 8th.

The next two disturbances which passed in quick succession between the 10th and 13th were feeble. As a result of these two, a shallow low pressure area extending from Baluchistan to west Rajputana developed on the 12th and slowly shifted its position to the central parts of the country. Widespread thunderstorms occurred from the east Central Provinces to Bengal on the 15th.

The fifth disturbance began affecting the North-West Frontier Province and the south Punjab on the 15th. Lying as a low pressure area over Rajputana on the 16th it caused extensive clouding in the North-West Frontier Province and the hills of the Punjab. The low pressure area shifted to west Central India by the 18th, to Chota Nagpur and Bengal on the 19th and thereafter became unimportant. Widespread thunderstorms occurred from east Central India to the submontane regions of Bihar on the 19th and 20th. Thunderstorm activity extended into southwest Bengal and Assam on the 21st.

The next disturbance approached the northwest frontier on the 21st and lay as a low pressure area over Rajputana and the southwest Punjab on the following two days; it caused local dust-storms or thunderstorms in the plains of the Punjab and the United Provinces, and in west Rajputana.

An active western disturbance passed across the northwest frontier on the 24th and caused widespread precipitation there. Moving eastwards through the north Punjab, it gave local rain in the south and west Punjab, the North-West Frontier Province and west Rajputana on the 25th. During its passage across Tibet local thunderstorms occurred in northwest India on the 27th and 28th.

The eighth and last western disturbance of the month was feeble and passed through the extreme north of the country.

The total rainfall of the month was in large excess in Orissa, Bihar, the east United Provinces, the Punjab, Rajputana, Gujarat, Central India, the Central Provinces, southeast Madras and the north Madras coast, in slight to moderate excess in Bengal, Chota Nagpur, the North-West Frontier Province and the Madras Deccan. It was normal in the west United Provinces, Kashmir, Berar, Mysore and Malabar, in slight to moderate defect in Assam, Baluchistan, the Bombay Deccan and Hyderabad, and in large defect in Sind and the Konkan. Averaged over the plains of India, the rainfall was in excess by 32 per cent.

Day temperatures were in defect in Gujarat, the southwest Punjab and in the country east of the line Cape Comorin to Peshawar outside east Bengal and Assam. They were in excess in Assam. Night temperatures were below normal in Chota Nagpur, the east United Provinces and west Rajputana.

Relative humidity was in excess in Chota Nagpur, the United Provinces, the Punjab, the North-West Frontier Province, east Central India, the east Central Provinces, the Konkan, south Hyderabad, Mysore and the Madras Deccan.

Cloud amount was in excess in Chota Nagpur, Bihar, the United Provinces, the east and north Punjab, east Rajputana, Gujarat, east Central India and the Central Provinces, and in defect in Berar, the Bombay Deccan and north Hyderabad.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 31 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

N.B.—The Indian Standard Time used in this publication is 6 Hrs. 30 Mins. in advance of G. M. T.

Poona No. 5: }
The 23rd July 1945. }

K. R. RAMANATHAN,
for Director-General of Observatories.

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS—APRIL 1945

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	RAINFALL.				DEPARTURE FROM NORMAL OF						RAINFALL.				DEPARTURE FROM NORMAL OF					
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	9 hrs. I. S. T.				Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	9 hrs. I. S. T.			
							Vapour pressure.	Relative humidity.	Cloud.						Cloud.	Cloud.	Cloud.	Cloud.		
1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Division	-	-	-	-	-	-	-	-	-	Division—contd.	-	-	-	-	-	-	-	-	-	
1. Assam	5.83	7.87	-2.04	-26	+2.6	+1.7	+0.6	0	+0.4	9. Rajputana	0.86	0.18	+0.18	+100	-1.6	-1.9	+0.5	+4	+0.2	
2. Bengal	4.09	3.10	+0.99	+32	-1.8	-0.8	-0.3	+4	+0.5	10. Bombay	0.21	0.39	-0.16	-46	-1.2	-0.7	-0.6	+4	-0.2	
3. Orissa	2.03	1.02	+1.01	+99	-2.2	-0.9	+0.1	+8	+0.2	11. Central India	0.69	0.24	+0.45	+187	-2.1	-0.8	+0.6	+6	+0.7	
4. Bihar	1.20	0.60	+0.60	+100	-3.3	-1.5	+0.9	+8	+1.5	12. Central Provinces and Berar.	1.87	0.60	+0.77	+128	-2.5	-1.4	+0.6	+7	+0.6	
5. United Provinces	0.62	0.31	+0.31	+100	-3.3	-1.6	+1.2	+9	+1.5	13. Hyderabad	0.62	0.77	-0.15	-19	-2.1	-0.9	+0.8	+6	-0.2	
6. Punjab	1.82	1.02	+0.80	+78	-3.1	-1.5	0	+8	+0.4	14. Mysore	2.28	2.13	+0.15	+7	-1.5	-0.4	+0.3	+7	+0.2	
7. North-West Frontier Province	1.82	1.27	+0.55	+43	-1.6	+0.1	+2.1	+12	-0.1	15. Madras	2.45	1.60	+0.85	+53	-2.0	-0.8	0	+4	+0.4	
8. Sind	0.03	0.10	-0.07	-70	-1.2	-0.7	-0.2	+4	-0.1	Mean of India	1.48	1.12	+0.36	+32	-2.0	-0.9	+0.3	+6	+0.4	
Sub-division										Sub-division—contd.										
1. Bay Islands										18. Central India, West.	0.98	0.19	+0.19	+100	-1.9	-0.8	-0.5	+8	+0.2	
2. Assam	5.83	7.87	-2.04	-26	+2.6	+1.7	+0.6	0	+0.4	19. Do. do. East.	1.11	0.30	+0.81	+270	-2.4	-1.5	+2.0	+10	+1.4	
3. Bengal	4.09	3.10	+0.99	+32	-1.8	-0.8	-0.3	+4	+0.5	20. Berar	0.25	0.27	-0.02	-7	-1.9	-1.1	-0.7	+2	-0.8	
4. Orissa	2.03	1.02	+1.01	+99	-2.2	-0.9	+0.1	+8	+0.2	21. Central Provinces, West.	0.90	0.33	+0.57	+173	-2.1	-1.3	+0.1	+5	+0.7	
5. Chota Nagpur	0.91	0.76	+0.15	+20	-3.3	-2.0	+1.8	+11	+1.6	22. Do. do. East.	2.39	1.07	+1.32	+123	-3.3	-1.6	+1.6	+11	+1.2	
6. Bihar	1.36	0.51	+0.85	+167	-3.2	-1.0	+0.1	+5	+1.4	23. Konkan	0.01	0.22	-0.21	-95	-0.5	-0.4	+0.4	+6	-0.5	
7. United Provinces, East.	0.92	0.27	+0.65	+241	-4.1	-2.0	+1.5	+10	+2.0	24. Bombay Deccan...	0.44	0.86	-0.42	-49	-0.6	-1.1	-0.9	+2	-0.8	
8. Do. do. West.	0.36	0.37	-0.01	-3	-2.5	-1.2	+0.9	+7	+1.0	25. Hyderabad, North	0.56	0.65	-0.09	-14	-2.2	-0.3	-0.5	+2	-0.7	
9. Punjab, East and North.	2.20	1.81	+0.89	+68	-3.0	-1.4	+0.8	+8	+0.6	26. Do. South	0.68	0.89	-0.21	-94	-2.0	-0.3	+1.8	+9	+0.1	
10. Do. Southwest.	1.06	0.43	+0.63	+147	-3.3	-1.7	-0.5	+8	+0.2	27. Mysore	2.28	2.13	+0.15	+7	-1.5	-0.4	+0.3	+7	+0.2	
11. Kashmir	3.37	3.29	+0.08	+2	-3.3	-1.7	-0.7	+4	-0.5	28. Malabar	3.29	3.65	-0.86	-10	+0.1	-0.1	-0.6	-1	+0.4	
12. North-West Frontier Province.	1.82	1.27	+0.55	+43	-1.6	+0.1	+2.1	+12	-0.1	29. Madras, Southeast	3.37	1.55	+1.82	+117	-2.3	-0.8	+0.1	+5	+0.8	
13. Baluchistan	0.41	0.55	-0.14	-25	-0.6	-0.9	-0.7	-4	+0.1	30. Do. Deccan...	1.05	0.83	+0.22	+27	-1.8	-0.4	+1.7	+7	-0.5	
14. Sind	0.03	0.10	-0.07	-70	-1.2	-0.7	-0.2	+4	-0.1	31. Do. Coast, North	1.07	0.66	+0.41	+63	-3.0	-0.2	-0.6	+8	+0.7	
15. Rajputana, West.	0.31	0.19	+0.12	+63	-1.1	-2.2	+0.4	+4	-0.1											
16. Rajputana, East.	0.40	0.18	+0.22	+122	-2.0	-0.6	+0.6	+5	+0.5											
17. Gujarat	0.09	0.03	+0.06	+200	-2.0	-0.3	-0.6	+5	+0.4											

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.)

STATION.	Height of bar. eastern sea above mean level in feet.	Pressure reduced to 32° F and standard gravity, millibars.			Maximum temperature °F.			Minimum temperature °F.			Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.			Relative humidity %			
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean	Departure from normal.	Highest.	Date.	Mean	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 6 hrs. I. S. T.	Departure from normal.		
1	9	8	4	6	6	7	8	9	10	11	12	13	14	15	16	17	18	20	21	22	
Bay Islands																					
Port Blair	261																				
Assam																					
Dibrugarh	848	999.3	+ 0.5	995.0	85.4	+ 4.4	98	9	67.6	+ 1.8	63	6	74.8	80.9	69.3	72.4	22.2	+ 0.6	23.3	77	- 5
Sibsagar	817	999.7	- 0.2	995.1	86.5	+ 4.9	92	2	68.1	+ 2.1	62	17	75.5	82.0	70.2	73.2	22.7	+ 0.4	23.9	76	- 8
Tezpur	258	1002.1	+ 0.5	997.4	89.8	+ 4.2	96	4	69.8	+ 1.4	68	16	76.7	84.6	70.5	73.4	23.2	+ 1.5	23.1	75	- 2
Gauhati	183	1004.0	+ 0.6	999.6	95.0	+ 7.4	100	5, 6, 7	69.6	+ 1.7	66	4 days	76.4	86.1	70.9	72.5	23.0	+ 0.7	21.1	76	0
Dhubri	115	1006.4	+ 1.1	1001.5	89.6	+ 1.4	99	5, 10	70.8	+ 0.7	66	15, 17, 30	75.7	86.3	70.5	72.8	28.2	+ 0.6	21.4	76	+ 2
Silchar	96	1007.5	+ 0.1	1003.2	88.2	+ 0.2	94	20, 21	70.1	+ 1.3	64	5	75.6	81.8	71.5	75.1	24.5	+ 0.3	27.0	81	+ 3
Srimangal	69	1008.4	+ 0.8	1004.0	90.3	- 1.9	96	5	69.6	+ 0.8	62	14	78.1	88.0	74.0	74.7	26.9	+ 0.9	25.5	82	+ 2
Bengal																					
Cox's Bazar	88	1009.9	+ 0.8	1006.4	89.7	+ 1.0	92	6 days	78.3	- 0.1	69	5 days	84.1	84.6	76.8	77.2	28.1	- 1.0	28.5	71	- 7
Chittagong	87	1007.8	+ 0.5	1004.1	88.9	+ 0.1	93	20, 21	78.2	0	65	12, 13	81.0	84.6	74.4	76.2	26.1	- 1.8	27.0	72	- 6
Noakhali	92	1009.9	+ 1.0	1006.4	89.5	+ 0.5	95	21	74.2	- 2.2	65	16	81.0	85.5	77.4	79.7	30.5	+ 1.2	81.9	85	+ 7
Comilla	29	1009.4	+ 1.0	1005.2	91.6	- 0.7	97	1	73.0	- 0.8	65	13, 14	79.5	87.6	74.8	77.0	26.7	- 1.9	26.9	77	+ 3
Brahmanbaria	82	1009.5		1005.3	91.7	- 1.4	97	5	70.5	+ 0.9	66	7, 14	79.3	87.2	74.9	77.1	27.5	+ 1.9	27.2	81	+ 9
Narayanganj	26	1009.5	+ 1.2	1004.9	91.5	- 0.9	97	6	74.7	+ 0.7	67	14	79.9	87.2	74.1	75.3	26.1	- 1.9	24.5	75	- 3
Mymensingh	62	1008.8	+ 1.4	1003.9	91.7	+ 0.6	100	5	71.6	- 0.1	65	17	79.4	85.2	73.8	73.5	25.8	- 0.1	29.0	75	- 2
Faridpur	27	1009.0	+ 1.6	1005.0	90.6	- 3.2	96	10	71.8	- 1.7	64	17	80.2	85.7	75.1	76.3	27.5	- 0.8	33.4	80	+ 7
Barisal	11	1009.8	+ 1.0	1005.7	91.8	- 0.2	95	5, 20, 21	74.1	- 1.0	66	15	82.8	86.9	75.4	76.8	26.9	- 2.8	26.2	71	- 7
Khulna	16	1009.9	+ 1.7	1006.0	92.2	- 2.0	96	21	78.3	- 2.0	66	22	81.0	85.5	75.2	75.7	27.1	- 1.9	25.8	76	0
Jessore	26	1009.0	+ 1.3	1004.4	98.5	- 3.1	100	7	71.6	- 2.0	62	15	79.1	87.1	75.2	75.7	28.0	- 0.9	25.1	88	+ 6
Batkhra	16	1009.5	+ 1.4	1005.3	92.8	- 4.2	99	7	78.0	- 2.6	65	22	81.1	86.6	77.4	81.5	30.5	+ 1.1	34.4	84	+ 10
Dum Dum (R)	88																				
Calcutta	21	1009.0	+ 1.4	1004.7	94.0	- 2.8	101	7	74.8	- 0.7	68	16, 17, 22	80.3	87.7	75.7	76.6	28.3	- 0.4	26.8	80	+ 4
Saugor Island	10	1009.4	+ 1.2	1006.0	88.0	- 1.7	90	12, 15	77.4	- 2.0	67	28	83.3	83.6	77.0	77.1	28.7	- 2.0	28.8	74	- 3
Sandheads	28	1008.8	+ 0.4	1006.0																	
Midnapore	149	1004.2	+ 1.2	999.9	98.0	- 2.9	106	11	74.8	- 1.4	65	24	80.9	93.4	74.0	74.5	25.5	- 0.3	20.6	74	+ 7
Burdwan	106	1005.9	+ 1.6	1001.4	96.8	- 3.4	105	4, 8, 11	74.0	- 1.0	67	16, 22	80.0	92.0	74.2	73.5	26.1	0	25.4	75	+ 4
Krishnagar	48	1008.1	+ 1.7	1003.9	96.0	- 2.9	105	4, 8, 11	72.1	- 2.1	65	16, 17, 22	79.2	89.1	74.8	74.8	27.4	+ 0.7	22.8	81	+ 13
Asansol	414	995.0	+ 1.5	990.6	97.6	- 4.2	108	9	72.9	- 1.8	66	22, 25	80.5	91.8	70.4	69.9	20.9	+ 0.3	15.0	60	+ 7
Berhampore	62	1007.6	+ 1.6	1002.8	96.8	- 2.7	106	8	74.3	- 1.7	65	17, 22	80.6	90.3	73.5	72.6	25.0	+ 0.1	19.4	70	+ 3
Bogra	68	1007.5	+ 1.2	1002.9	98.4	- 2.2	103	4 days	71.2	- 0.3	64	17	77.7	88.5	74.0	73.3	27.1	+ 2.4	21.2	78	+ 6
Malda	108	1006.1	+ 1.8	1001.8	92.8	- 4.7	104	8, 10	70.7	- 0.6	65	12, 16	78.9	89.5	72.4	74.7	24.2	+ 1.7	22.5	73	+ 20
Dinajpur	123	1006.2	+ 2.2	1001.2	93.2	- 1.1	105	10	70.2	+ 0.2	62	6	77.8	90.3	71.7	73.5	23.8	+ 2.1	20.5	74	+ 6
Jalpaiguri	271	1001.1	+ 1.6	995.9	89.6	+ 0.1	97	6	67.9	- 0.2	58	6	73.9	87.2	68.1	71.8	20.8	- 1.2	18.9	73	0
Orissa																					
Balasore	65	1007.0	+ 1.0	1002.9	94.8	- 2.2	103	11	75.7	- 0.8	68	16	82.2	85.9	76.8	78.5	29.0	+ 1.8	29.8	77	+ 5
Chandbali	20	1009.3	+ 1.1	1005.3	94.6	- 4.0	100	3, 10, 11	75.5	- 1.2	68	16	82.4	86.6	76.6	76.5	28.5	- 0.8	24.3	76	+ 1
Puri	20	1009.7	+ 1.5	1005.8	86.8	- 0.9	91	20	78.9	- 0.2	70	15, 16	82.5	84.1	77.9	81.7	30.5	- 0.9	35.9	80	- 3
Gopalpur	56	1007.9	+ 1.1	1004.6	87.8	- 0.4	97	20	76.3	- 0.8	70	27	82.1	82.5	77.2	78.7	29.6	- 0.4	31.7	79	- 2
Outtack	86	1006.9	+ 0.9	1002.7	98.9	- 2.3	103	27, 30	77.3	- 0.2	69	16	82.5	89.9	75.5	74.6	26.9	- 1.6	22.2	71	- 2
Angul	455	994.0	+ 1.1	989.2	98.6	- 3.4	107	8	74.5	- 0.8	70	16	80.8	93.6	73.3	72.1	24.8	+ 0.8	17.1	71	+ 7
Sambalpur	486	992.8	+ 0.6	988.3	99.5	- 3.5	106	5 days	73.2	- 2.7	67	1, 18, 21	79.1	97.0	71.2	74.1	23.4	+ 2.7	18.3	67	+ 16
Chota Nagpur	423	995.1	+ 1.4	990.1	99.0	- 3.0	108	9	73.9	+ 0.1	64	23	81.9	92.7	70.1	70.6	20.1	+ 1.3	15.5	56	+ 7
Chaitasa	742	983.8	+ 1.2	978.9	98.9	- 3.2	107	9	73.4	- 1.3	64	16	79.3	92.9	73.2	77.9	25.2	+ 4.2	25.8	75	+ 18
Ranchi	2,150	986.7	+ 0.8	988.1	98.8	- 1.9	103	9	68.2	- 3.1	59	16	78.0	88.7	64.3	65.7	14.7	+ 1.1	11.7	48	+ 1
Hasaribagh	2,006	941.6	+ 0.7	938.1	98.0	- 4.2	102	8, 9	68.4	- 3.4	59	16	77.7	88.5	63.8	68.8	13.2	+ 0.5	9.8	45	+ 14
Daltonganj	725	984.0	+ 0.9	979.8	97.8	- 4.1	107	8	67.9	- 2.1	61	6, 18	77.6	93.4	66.0	68.3	16.6	+ 2.0	12.3	49	+ 1
Dhanbad	839	981.0																			
Bihar																					
Purnea	124	1006.8	+ 1.6	1000.7	94.5	- 1.6	104	10	68.3	- 0.9	58	6	77.9	90.0	68.8	70.5	19.9	- 0.8	16.6	62	- 1
Darbhanga	16																				

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of barometer above mean sea level in feet.	Pressure reduced to 32° F and standard gravity, millibars.			Maximum temperature °F.			Minimum temperature °F.			Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %				
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.		
1	9	8	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
U. P., East																					
Gonda	360	997.2	.	992.9	95.6	- 4.2	105	1	67.6	- 0.9	60	5	76.6	93.4	63.9	68.8	14.6	+ 2.4	12.9	49	+ 14
Gorakhpur	254	1000.2	+ 1.6	996.2	94.0	- 5.3	104	1	70.2	- 1.1	59	15	77.8	91.3	69.3	75.4	20.6	+ 3.4	22.8	65	+ 16
Benares	250	1000.0	+ 1.3	996.2	96.9	- 4.9	107	8	70.3	- 1.3	64	13	78.4	95.5	67.9	74.3	18.6	+ 3.0	19.4	56	+ 14
Allahabad (Bamrauli)	322	997.8	+ 1.4	993.6	97.4	- 5.2	108	2	70.8	- 0.6	51	21	79.6	96.0	64.1	67.1	13.4	+ 0.3	3.5	41	+ 6
Fatehpur	375	995.6		991.7	98.5	- 2.5	110	2, 3	70.5	+ 0.6	63	5	78.3	95.8	63.8	68.5	13.3	- 2.1	11.3	41	+ 1
Cawnpore	413	994.5	+ 1.5	990.7	96.7	- 2.7	108	2	69.8	- 0.8	61	5	77.2	94.5	63.3	68.5	18.5	+ 1.2	12.0	44	+ 8
Lucknow	371	995.6	+ 1.2	991.8	98.1	- 3.3	103	2	68.0	- 2.8	63	3, 5, 6	76.9	93.8	64.4	70.0	15.0	+ 0.8	14.1	49	+ 10
Bahraich	407	994.8	+ 1.8	990.7	95.5	- 3.4	104	1, 3	67.0	- 2.3			75.2	93.7	64.4	70.5	15.7	- 0.5	15.0	53	+ 5
U. P., West																					
Jhansi	824	980.5	+ 0.4	976.7	98.0	- 4.6	107	1	71.8	- 3.5	65	3, 5	78.3	96.5	61.4	65.9	10.9	- 1.8	8.0	34	+ 2
Agra	553	989.7	+ 1.1	986.0	98.4	- 1.6	109	1	70.1	+ 0.5	63	4	77.9	95.7	68.9	71.3	14.0	+ 8.4	14.9	44	+ 13
Mainpuri	516	990.7	+ 1.1	987.1	98.1	- 3.1	109	1	68.0	- 1.2	59	3, 4	74.4	94.6	65.2	74.1	17.1	+ 4.0	19.4	59	+ 20
Aligarh	615	987.2		984.2	96.7	+ 0.4	108	1	68.4	+ 0.3	60	4	76.2	94.2	62.5	66.8	13.2	+ 2.3	10.0	43	+ 11
Bareilly	568	988.9	+ 1.4	985.2	96.0	- 1.8	106	1, 2	68.1	- 0.7	63	4, 5, 21	75.4	93.2	62.1	66.0	18.0	- 2.3	9.6	44	- 3
Boorkee	899	977.5	+ 1.0	975.3	92.8	- 2.9	103	1	68.3	- 1.7	54	4	72.2	89.7	60.6	70.8	12.9	+ 0.8	16.5	49	+ 5
Dehra Dun	2,239	938.4	+ 1.4	931.1	86.6	- 3.3	93	1	60.3	- 2.2	53	3	70.3	83.1	58.8	61.1	11.8	+ 0.1	6.5	50	+ 3
Punjab, E. and N.																					
New Delhi	714	988.9	+ 0.9	980.6	96.0	- 0.6	107	1	67.5	- 0.2	59	3	74.3	93.1	60.8	66.8	11.5	- 0.6	10.4	40	0
Hissar	725	988.8	+ 1.0	981.1	95.7	- 2.1	107	1	64.6	- 2.1	50	2	72.3	92.7	65.8	80.4	18.6	+ 5.7	29.7	70	+ 26
Ambala	892	977.7	+ 1.2	975.9	91.5	- 4.5	107	1	66.0	- 0.4	59	3	71.4	91.6	59.5	64.6	11.9	- 0.6	8.6	46	- 6
Ludhiana	812	980.8	+ 1.4	978.4	93.4	- 2.8	106	1	60.9	- 5.6	54	2	72.7	90.7	62.2	69.0	14.4	+ 1.3	14.5	58	+ 4
Lahore	702	984.8	+ 1.1	982.4	89.0	- 5.5	103	80	62.9	- 0.3	55	2	68.5	88.6	62.5	68.0	16.6	+ 3.8	14.1	71	+ 24
Sialkot	880	980.8	+ 1.3	978.0	88.6	- 3.8	103	80	65.5	+ 0.8	56	8, 9	71.3	87.5	60.8	65.7	12.9	- 0.6	11.6	51	- 2
Rawalpindi	1,674	951.9	+ 0.5	950.8	83.6	- 2.2	97	80	57.2	- 2.1	49	9	65.2	82.0	57.1	64.5	12.4	- 0.5	16.5	62	+ 11
Punjab, Southwest																					
Khushab	612	986.7	- 0.2	985.2	89.2	- 3.7	103	80	62.5	- 4.2	53	9	69.9	84.6	61.1	66.0	14.8	+ 0.2	13.5	60	+ 14
Lyallpur	605	987.5	+ 0.6	985.8	89.1	- 3.8	103	30	63.1	- 0.8	53	2	69.6	87.8	60.7	65.9	14.0	+ 1.3	11.5	58	+ 9
Montgomery	558	988.1	- 0.1	986.4	91.5	- 4.2	104	30	65.1	- 1.5	55	2	70.3	90.6	60.2	67.9	13.3	- 2.2	13.1	55	- 4
Leiah (E.)	490	998.0		990.4	92.7		106	30	63.5		51	4	70.8	90.6	60.2	66.9	13.4		11.9	61	
Multan	413	994.2	- 0.8	992.2	93.3	- 2.0	107	30	65.9	- 1.7	54	2	70.1	92.1	62.9	72.3	16.4	+ 0.1	18.3	67	+ 13
Fort Abbas	475	991.5		988.8	96.8		108	30	66.0		55	3	71.6	94.9	60.5	67.8	12.9		10.9	50	
Bahawalpur	884	994.7	- 0.1	992.3	93.8	- 2.6	106	30	65.2	- 0.2	55	3, 4	68.0	92.5	59.8	69.1	13.9	- 2.0	13.6	62	+ 9
Khanpur (R)	297																				
Kashmir																					
Srinagar	5,205	842.0	- 0.2	839.7	65.5	- 0.3	80	80	43.9	- 0.7	36	8	48.6	63.0	46.2	63.1	8.8	- 1.8	9.7	84	- 4
Gulmarg	8,709																				
Dras	10,059	704.5		703.3	34.6	- 6.8	43	30	17.2	- 3.7	3	11, 12	21.7	34.3	19.7	31.0	3.1	- 1.7	4.9	75	+ 12
Leh	11,529	667.2		664.8	50.4	- 5.0	57	1, 29	28.3	- 2.0	23	12	32.9	47.1	28.8	34.4	4.2	0	3.1	68	+ 15
Skardu	7,505	770.9		768.4	62.0	- 0.8	71	24	42.6	+ 0.2	39	3	46.1	60.3	39.5	42.6	5.8	- 1.3	2.7	57	- 8
Gilgit	4,890	851.6		849.7	70.7	- 1.5	85	24	51.7	- 1.0	40	9	55.7	69.4	45.8	50.9	6.6	- 2.4	5.4	47	- 12
Misgar	10,190	700.7		696.7	52.4		65	23	31.9		22	8	33.8	49.3	21.8	35.9	4.5		3.1	67	
N.-W. F. Province																					
Peshawar	1,164	969.8	+ 0.1	967.8	83.6	- 1.6	96	80	59.0	+ 1.8			65.6	81.6	58.8	63.6	13.8	+ 0.2	11.9	66	+ 7
Bannu	1,264	965.0		963.1	84.4	- 4.0	98	80	63.0	+ 0.9	53	8	68.0	83.0	59.8	63.1	13.9	+ 2.0	10.7	61	+ 7
Miranshah	8,026	908.1		906.4	79.9	+ 1.6	92	29	56.2	- 1.0	47	8	61.5	75.8	55.1	60.5	12.2	+ 2.6	11.7	67	+ 15
Dera Ismail Khan	570	989.0	+ 3.5	986.6	90.2	- 2.4	105	80	63.9	- 1.8	50	10	69.6	88.9	65.9	77.9	19.6	+ 3.7	27.6	79	+ 20
Baluchistan																					
Fort Sandeman	4,614	858.6	0	856.5	78.2	- 2.1	91	80	54.2	- 0.3	45	2	57.8	74.1	50.7	55.6	9.8	+ 1.9	7.8	61	- 3
Loralai	4,699	854.8		852.2	77.5		88	80	49.4		38	2	54.0	75.8	44.1	52.9	5.9		4.6	41	
Sibi	441	992.8	+ 0.7	989.1	96.2	- 1.5	106	23, 30	66.3	- 3.8	44	8	72.8	95.1	60.6	69.9	12.6	+ 2.9	18.7	46	+ 12
Quetta	5,490	881.5	- 1.1	829.5	72.8		84	29	41.4		28	2	57.0	71.2	47.7	49.3	7.9	- 1.1	4.1	51	
Chaman	4,911	867.7	- 0.1	865.8	78.4	- 0.2	94	80	56.2	+ 0.2	80	1	62.9	77.7	51.3	58.0	8.8	- 0.3	8.7	44	- 3
Kalat	6,616	799.9	+ 0.5	798.3	69.1	- 1.9	81	25, 29	41.8	- 1.7	22	2	50.1	67.6	39.1	47.0	4.2	- 4.7	3.5	36	- 21
Dalbandin	2,785	916.1	+ 0.5	914.2	88.0	- 1.2	101	24, 30	54.2	- 3.7	85	1	60.8	87.6	48.1	60.8	6.4	- 2.6	6.6	37	- 9
Nokkundi	2,229	933.4	</td																		

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.									
9 hrs. I.S. E.		Mean 18 hrs. I.S. E.	Total of the month.		Departure from normal.		Heaviest fall in 24 hours.	Date.	Total in the month.		Departure from normal.		Mean.	Departure from normal.		9 hrs. I.S.T.																				
24		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54					
1.9	+ 2.1	2.6	1.66	+ 1.31	0.69	21	4	+ 3.9	4.3	- 0.5	0	1	16	0	0	1	9	2	1	3	0	3	2	1	1	15	5	0	0	U. P., East						
1.2	+ 1.8	2.7	1.90	+ 1.53	1.26	15	3	+ 2.3	3.3	+ 1.0	3	11	8	1	0	0	7	0	0	3	5	4	0	3	1	8	4	2	0	Gonda						
1.1	+ 1.5	2.9	0.36	+ 0.16	0.19	19	2	+ 1.6	5.6	+ 2.3	1	6	6	1	2	4	7	2	1	2	5	4	0	0	1	7	10	1	0	Gorakhpur						
1.5	+ 2.7	2.8	0.64	+ 0.47	0.25	21	3	+ 2.6	4.5	+ 0.4	0	3	4	3	3	4	8	3	2	3	7	3	1	0	1	4	10	1	0	Benares						
1.4	+ 1.8	2.2	0.78	+ 0.45	0.78	21	1	+ 0.4	3.5	0	0	3	4	1	1	1	4	3	13	0	2	5	0	0	0	0	7	9	7	0	Allahabad (Bamrauli)					
1.2	+ 2.4	3.5	0.19	- 0.03	0.11	21	1	+ 0.4	7.7	+ 0.4	3	5	7	2	2	4	3	4	0	1	5	3	2	0	0	3	6	9	1	0	Fatehpur					
1.8	+ 1.3	2.0	0.85	+ 0.60	0.49	20	2	+ 1.4			1	0	10	3	1	0	5	3	7	3	1	5	0	0	0	1	12	2	5	0	Cawnpore					
1.4	+ 2.1	2.5	0.86	+ 0.54	0.51	24	2	+ 1.4	4.9	+ 1.5	2	4	7	4	1	2	3	6	1	1	0	6	3	1	5	2	11	1	1	Lucknow						
1.9	+ 1.5	4.3	0	- 0.14	0	0	- 0.5	5.1	+ 1.5	2	1	3	5	0	9	1	9	0	1	1	0	0	1	1	14	12	0	0	U. P., West							
1.5	+ 0.9	2.6	0.42	+ 0.21	0.35	24	1	+ 0.4	3.7	- 0.2	4	2	4	3	3	1	8	2	2	1	3	1	2	1	3	15	2	0	0	Agra						
1.8	+ 1.0	2.5	0.30	+ 0.07	0.30	19	1	+ 0.3	3.3	+ 1.0	1	1	4	6	3	3	5	4	3	1	0	8	4	9	2	9	6	0	0	Mainpuri						
1.5	+ 1.2	2.9	0.10	- 0.39	0.10	24	1	0	4.8	- 0.2	4	1	6	4	1	2	6	3	3	4	1	8	0	3	1	4	11	3	0	0	Aligarh					
1.3	+ 0.8	3.2	0.80	+ 0.53	0.18	21	2	+ 1.4	4.6	+ 2.0	0	2	9	4	1	2	7	5	0	2	1	2	4	1	2	8	9	1	0	Bareilly						
3.5	+ 1.6	3.4	0.24	- 0.21	0.10	7	1	- 0.1	4.0	+ 1.2	3	2	2	10	0	0	1	5	7	0	0	0	6	0	0	1	15	8	0	0	Roorkee					
3.6	+ 0.7	4.7	0.87	+ 0.22	0.83	7	3	+ 1.3	2.4	0	3	2	2	0	0	1	5	2	15	2	3	1	1	1	4	11	3	4	0	Dehra Dun						
3.1	+ 1.2	4.1	0.17	- 0.16	0.14	25	1	+ 0.1	5.1	^b	2	0	6	3	2	0	8	7	2	2	5	2	0	0	1	3	14	3	0	0	Punjab, E. and N.					
3.4	+ 0.7	2.4	0.45	+ 0.19	0.43	7	1	+ 0.1	4.7	+ 0.4	1	3	5	3	4	6	2	2	4	4	3	1	0	1	3	6	8	4	0	Hissar						
2.6	+ 0.8	2.3	0.56	- 0.08	0.21	7	2	+ 0.4	4.2	+ 0.6	0	1	0	13	0	2	0	9	5	0	0	0	6	0	1	0	21	2	0	0	Ambala					
2.7	+ 0.5	2.5	0.05	- 0.60	0.05	7	0	- 1.3	2.2	+ 0.2	2	10	0	4	0	2	0	4	8	1	7	1	2	0	4	1	13	1	0	0	Ludhiana					
3.7	+ 0.8	2.4	2.40	+ 1.63	1.28	8	2	+ 0.4	2.1	- 0.2	3	4	5	1	2	1	1	3	10	2	2	1	1	1	3	6	8	6	0	Lahore						
1.8	+ 0.4	2.2	2.37	+ 1.37	2.05	8	2	- 0.1	3.3	+ 1.1	1	9	2	2	0	0	0	9	7	2	3	0	4	0	4	2	10	5	0	0	Sialkot					
3.6	+ 0.4	4.5	2.05	+ 0.13	0.63	8	6	+ 1.9	3.1	+ 0.4	1	6	1	2	0	4	0	0	16	0	5	0	4	1	4	5	6	5	0	0	Rawalpindi					
2.7	- 0.1	3.9	2.42	+ 1.51	1.32	8	3	+ 0.9	4.6	- 0.7	3	8	4	2	1	2	1	1	8	3	5	6	7	6	3	0	0	0	0	0	0	0	0	Khushab		
3.2	- 0.7	3.7	0.79	+ 0.32	0.28	28	3	+ 1.7	2.8	+ 0.3	1	6	6	2	4	3	1	2	5	2	2	3	5	2	3	2	7	4	0	0	Lyallpur					
2.6	+ 0.6	3.0	1.03	+ 0.68	0.80	7	2	+ 1.1	1.3	- 2.5	2	5	1	3	4	0	1	0	14	0	4	3	3	0	3	1	4	13	18	0	0	Montgomery				
2.6	- 0.3	3.2	0.27		0.15	25	1		5.4		8	5	1	0	1	0	3	8	0	3	7	1	7	1	4	1	3	0	0	0	0	0	0	0	Leiah (e)	
8.1	+ 1.0	3.3	0.49	+ 0.22	0.25	25	2	+ 1.2	4.0	+ 2.1	12	1	1	0	8	1	1	1	5	4	2	0	4	3	6	1	5	5	0	0	Multan					
8.1	- 3.9	0.38	0.20		0	7	2		6.8		4	7	4	8	2	2	0	0	3	4	2	3	0	2	5	10	8	1	0	0	0	0	0	0	0	Fort Abbas
2.3	0	2.5	0.58	+ 0.40	0.45	7	2	+ 1.5	3.7	+ 0.7	3	6	1	1	2	2	0	0	15	1	5	4	1	1	6	3	1	1	8	0	0	Khanpur (R), Kashmir				
5.2	+ 0.1	6.3	3.62	- 0.03	1.42	8	9	+ 1.2	3.6	+ 0.4	2	0	1	13	4	0	1	5	4	0	1	1	6	1	0	4	16	1	0	0	Srinagar					
3.6	- 1.3	4.5	4.18	+ 0.09	1.23	1	6	- 2.0	0.8	- 0.6	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	Dras				
5.0	- 0.2	7.2	0.23	0	0.08	7	0	- 0.8	3.8		0	8	3	3	1	0	4	0	11	1	1	8	1	0	2	9	8	0	0	1	0	0	Leh			
4.4	- 1.0	5.1	0.56	- 0.41	0.24	8	2	- 0.5	5.0	+ 0.2	0	0	1	0	0	2	7	2	18	0	0	0	0	6	6	6	3	9	0	0	0	Skardu				
6.0	+ 0.4	6.2	1.07	+ 0.11	0.61	2	3	+ 0.4	1.5	+ 0.2	0	0	0	1	1	6	4	0	18	0	2	1	2	7	2	18	0	0	0	0	0	0	0	0	Gilgit	
4.9	6.6	0.77			0.54	2	2		6.4		0	3	4	2	0	0	8	4	9	1	0	8	4	8	5	3	1	5	0	0	0	0	0	0	0	Misgar
4.3	- 0.3	6.1	1.43	- 0.33	0.50	6	5	+ 1.2	2.7	+ 0.5	1	0	1	2	8	9	0	1	8	7	12	3	3	0	1	2	1	1	1	1	1	0	0	N.W. F. Province		
3.2	+ 1.1	5.4	1.46	+ 0.48	0.64	16	4	+ 1.5	3.9		4	0	1	1	0	0	13	5	6	2	3	4	12	5	1	0	2	1	1	1	7	0	0	Bannu		
1.8	- 0.8	4.9	3.06	+ 1.43	1.28	16	6	+ 2.1	5.9	+ 0.7	0	0	1	0	0	1	0	1	27	0	0	19	1	0	1	1	1	1	7	0	0	Miranshah				
2.2	- 0.5	3.5	1.33	+ 0.64	0.74	9	3	+ 1.3	3.1	+ 1.2	4	7	1	1	1	1	2	2	11	1	6	6	4	1	4	1	2	5	0	0	Dera Ismail Khan					
2.6	+ 0.1	4.4	1.51	+ 0.57	0.84	6	2	- 1.1	3.9	+ 0.8	0	1	6	1	1	1	1	0	19	3	3	5	1	1	4	7	6	0	0	Baluchistan						
2.9	4.2	0.72	- 0.23	0.55	6	2	- 0.4	5.5		0	0	0	0	0	2	23	1	4	0	0	1	3	12	5	6	1	2	0	0	0	0	0	0	0	Loralai	
3.2	+ 0.8	4.1	0.26	+ 0.15	0.16	6	2	+ 1.6	4.9	+ 1.1	3	1	0	1	1	2	2	7	13	1	2	2	4	6	8	3	1	3	6	0	0	Sibi				
3.1	+ 0.5	4.1	0.78		0.37	5	2		4.7	+ 1.5	0	0	1	2	9	2	0	2	14	3	0	0	2	1	6	9	3	6	0	0	Quetta					
3.4	+ 0.4	4.9	1.23	+ 0.46	0.83	6	3	+ 1.0	6.5	+ 0.8	0</																									

(B)—Register not received

(b) - Mean of 29 days.

(c) — Mean of 25 days.

(i) — Mean of 22 days.

(k)—Mean of 20 days.

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of bar. eastern sea above mean level in feet.			Pressure reduced to 32°F and standard gravity, millibars.			Maximum temperature, °F.			Minimum temperature, °F.			Dry bulb temperature, °F.			Wet bulb temperature, °F.			Vapour pressure, millibars.			Relative humidity %		
	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean	Departure from normal.	Highest.	Date.	Mean	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22			
Sind																								
Jacobabad*	166/188	1001.3	+ 0.5	998.4	98.2	- 2.2	109	29, 30	68.5	- 1.7	52	3	72.7	96.8	62.5	75.6	14.8	+0.1	20.7	54	+ 7			
Sukkur	221	1000.1	- 0.2	997.0	96.2	- 2.0	106	29	69.9	+ 1.5	60	1	73.3	95.0	64.8	73.2	17.0	+1.8	17.9	62	+ 8			
Pad Idan	153	1002.4		999.5	99.5		110	30	66.3		49	3	71.8	98.8	61.7	72.0	14.3		14.5	53				
Umarkot	55	1005.6		1002.5	101.2		109	15, 16	69.0		54	3	74.7	99.9	68.9	74.9	21.4		18.1	73				
Hyderabad	96	1005.2	+ 2.4	1002.8	101.1	- 0.7	111	28	70.9	- 1.0	60	1, 3	75.1	98.6	67.4	71.6	19.5	+1.8	14.1	65	+ 8			
Karachi (Clifton)																								
Karachi (Manora)	13	1008.4	0	1006.5	88.8	- 1.6	89	19	73.3	- 0.9	61	1	75.1	81.4	71.7	75.3	24.9	-1.2	27.4	84	- 8			
Badin	31	1007.5	0	1004.7	100.7	+ 0.9	110	16	68.5	- 1.6	52	2, 3	71.8	98.3	65.9	70.5	19.0	-3.5	12.7	73	+ 1			
Rajputana, West																								
Sri Gangangar	580	987.9		985.6	94.5	- 0.9	106	30	58.9	- 3.1	49	2	71.6	92.7	62.5	72.2	15.2	+3.7	17.6	60	+ 15			
Bikaner	734	982.8	+ 0.1	979.6	96.9		106	30	66.6		49	2	72.7	94.8	57.8	64.7	9.0		7.3	36				
Phalodi	788	981.4		978.5	97.5		106	30	69.7		55	2	75.8	96.4	64.5	72.7	15.7		16.7	53				
Jodhpur	786	988.2	+ 1.4	979.6	98.2	- 1.2	104	4 days	70.3	- 0.5	59	2	75.4	96.7	61.0	66.0	11.8	+1.2	8.0	39	+ 4			
Barmer	698	986.3	0	983.8	99.2	- 1.1	106	16	71.2	- 3.1	54	2	76.8	96.8	64.2	67.9	14.9	-3.7	10.2	48	- 8			
Rajputana, East																								
Jaipur	1,431	960.8	+ 0.3	957.2	95.0	- 3.2	108	30	69.6	+ 0.8	55	3	77.7	92.5	61.6	65.3	11.5	+1.2	9.1	36	+ 5			
Ajmer	1,593	954.8	0	951.4	94.7	- 2.6	101	24	70.0	- 1.5	58	4	78.7	92.8	62.6	65.4	12.2	-0.3	8.9	39	+ 6			
Kotah	843	979.8	+ 0.3	976.2	100.9	- 0.7	109	1	73.5	- 2.3	66	5	80.0	97.5	61.9	66.2	10.8	+0.3	7.7	31	+ 3			
Brijnagar	1,053	972.8	- 0.1	968.8	99.0	- 1.5	108	1	70.6	+ 0.5	62	5	77.9	96.5	62.3	68.3	12.2	+1.2	10.9	37	+ 5			
Rajsamand	1,650	946.5		943.5	93.1		100	17, 25	71.9		61	5, 11	76.3	90.3	66.1	72.3	17.4		18.9	57				
Gujarat																								
Deesa (R)	466																							
Bhuj	343	997.9	+ 0.5	994.8	97.1	- 2.7	104	16, 17	70.8	- 0.5	57	2	74.2	95.1	66.7	68.7	18.7	-2.1	11.6	66	+ 8			
Dwarka	37	1009.0	+ 0.2	1007.1	88.7	- 1.4	87	17	75.3	- 1.1	69	2	76.6	81.7	73.4	75.0	26.5	-0.2	26.6	85	- 1			
Jamnagar	60	1008.7	+ 0.8		92.9	- 2.7	101	17	71.3	+ 1.0	64	8	78.7		71.3		22.5	-1.1	69	- 6				
Rejkot	432	995.1	+ 0.4	991.3	100.2	- 1.4	106	17	69.3	- 0.2	58	2	73.5	98.0	67.8	69.6	20.4	0	18.1	72	+ 6			
Veraval	26	1009.4	+ 0.3	1006.8	86.8		101	11	69.6		60	2, 9	74.0	81.9	69.7	76.2	22.5		28.0	80	+ 3			
Burat	39	1008.4	0	1005.0	96.4	- 2.7	105	12, 22	73.8	+ 0.1	68	10	78.9	92.8	71.6	77.3	22.9	-0.7	24.6	68	+ 3			
Bhavnagar	55	1008.2	+ 0.4	1004.0	100.0	- 2.0	105	18	71.8	- 1.7	66	2	76.1	97.1	65.9	72.7	16.9	-1.4	16.0	56	+ 3			
Ahmedabad	163	1004.3	+ 0.3	999.9	100.4	- 3.4	105	16, 17, 19	73.6	- 0.9	65	2, 3	75.8	98.7	65.9	69.4	17.0	-5.4	10.9	57	+ 6			
Dohad	1,098	972.2		968.5	99.0	- 2.4	104	1, 17	73.1	- 1.0	67	5, 9, 12	76.8	97.2	65.8	71.0	16.3	+2.1	13.8	58	+ 11			
Baroda	115	1006.1		1001.6	101.7	- 1.2	106	16, 17	70.2	+ 1.4	61	5 days	77.0	100.3	68.9	72.7	20.1	+3.7	14.6	64	+ 14			
Central India, West																								
Neemuch	1,626	954.1	+ 0.1	948.1	96.2	- 2.9	108	1	69.9	- 1.0	58	4	75.8	94.5	50.4	64.5	10.2	-2.7	7.9	35	- 2			
Indore	1,823	948.1	+ 0.4	943.9	96.9	- 2.7	102	1	68.2	- 1.6	58	5, 12	74.9	95.7	60.8	63.9	12.1	-1.1	6.6	42	+ 5			
Bhopal	1,643	953.5	+ 0.2	949.6	98.3	- 0.9	103	1	70.8	- 0.5	63	11	78.6	96.6	61.3	66.6	11.0	+1.9	9.8	35	+ 8			
Guna	1,571	955.6	0	952.2	98.4	- 1.2	105	1	68.8	+ 1.9	59	5	76.5	95.1	59.0	61.0	9.5	-0.3	7.1	32	+ 3			
Gwalior	681	965.3		981.6	96.4		107	1	70.6		59	4	79.1	94.6	61.7	65.7	10.9		8.4	38				
Madhosagar	757	992.7		979.2	98.6		107	1	73.3		65	4	79.5	95.8	62.3	65.6	11.5		7.9	34				
Central India, East																								
Nowrang	750	983.0	+ 0.7	979.2	98.3	- 3.0	107	1	68.9	- 1.2	61	1, 5	78.2	96.5	64.5	70.6	14.6	+1.5	13.6	44	+ 7			
Butna	1,041	973.7	+ 1.5	970.3	97.7	- 2.8	106	2	69.1	- 2.4	62	5, 11	77.7	94.9	68.2	71.4	15.5	+3.8	15.5	49	+ 17			
Umaria	1,506	957.5		953.9	97.4	- 1.5	104	1, 2, 8	67.8	- 0.9	61	6	79.4	93.4	62.4	65.6	11.9	+0.8	9.5	36	+ 5			
Berar																								
Akola	925	977.2	0	972.7	103.7	- 1.8	106	7 days	73.6	- 1.3	65	4 days	79.7	101.9	62.4	69.0	11.3	-0.5	9.2	38	+ 2			
Amraoti	1,213	966.9	- 0.4	962.9	102.2	- 2.1	106	7	75.6	- 0.9	65	20	81.1	99.9	63.1	69.3	11.5	-0.9	10.6	33	+ 2			
C. P., West																								
Khandwa	1,044	978.1	- 0.1	968.6	102.6	- 1.8	106	4 days	75.0	+ 0.3	63	.12	79.8	100.3	62.4	67.3	11.3	-0.1	7.9	33	+ 2			
Hoshangabad	992	974.6	- 0.4	970.0	100.6	- 1.2	105	1	72.3	- 1.2	65	6, 12	78.4	93.3	62.1	67.8	11.6	+1.0	8.9	36	+ 5			
Saugor	1,808	947.5	+ 0.1	943.8	96.3	- 3.4	103	1	72.0	- 1.5	64	19	80.0	93.6	60.9	64.3	10.1	+0.7	7.9	31	+ 4			
Jubbulpore	1,289	965.0	+ 0.6	960.8	99.4	- 1.2	105	1	66.7	- 1.7	54	6	78.1	95.1	62.0	66.7	11.8	-0.2	9.4	36	+ 2			
Soni	2,027	940.5	0	937.1	97.0	- 2.5	103	8, 27																

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10 or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from												STATION.							
Mean Gmt. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.						18 hrs. I. S. T.													
24	25	26	27	28	29	30	31	32	33	34	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm		
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52		
2.4	+0.9	2.8	0	-0.17	0		0	-0.5	5.0	+1.9	3	0	11	5	2	1	1	0	7	0	3	5	6	3	5	3	5	0	Sind Jacobabad	
1.7	+0.1	1.9	0.18	+0.03	0.13	7	1	+0.6	3.8	-0.1	0	7	1	12	1	3	1	0	5	1	3	1	4	4	7	6	4	0	Sukkur	
1.4		1.5	0	0	0		0		6.6		2	4	0	3	4	1	1	0	15	1	3	0	0	3	7	4	3	9	Pad Idan	
0.9		1.6	0	0	0		0		7.0		3	2	1	1	10	11	2	0	0	3	1	0	1	3	13	5	4	0	Umarkot	
0.7	-0.8	2.3	0	-0.07	0		0	-0.2	6.2	-0.2	5	1	0	0	6	10	3	3	2	5	2	4	1	1	11	2	4	0	Hyderabad	
2.5	-0.1	2.3	0	-0.15	0		0	-0.2	8.9	-0.8	3	2	1	0	0	5	10	8	1	0	0	0	0	0	1	19	10	0	0	Karachi (Clifton)
0.8	-0.7	1.1	0	0	0		0	0	7.1		0	1	0	1	1	16	9	1	1	2	2	0	0	0	3	11	9	2	1	Karachi (Manora)
2.2	+0.3	2.4	0.41	+0.11	0.12	8	3	+2.1	4.2	-1.3	5	2	8	4	2	3	1	1	1	7	3	0	1	0	4	2	7	6	Rajputana, West Sri Gangana	
0.9	-0.8	1.6	0.82	+0.63	0.76	25	1	+0.5	3.8	-0.9	0	12	0	5	0	8	0	8	2	0	6	1	2	0	12	0	7	2	Bikaner	
3.0		3.7	0.04	-0.08	0.04	22	0	-0.3	6.8		0	4	2	4	4	8	2	1	5	3	2	0	1	1	6	6	6	5	Phalodi	
2.4	+0.3	3.0	0.02	-0.11	0.02	8	0	-0.5	5.5	-1.3	0	11	0	0	0	6	6	1	6	6	3	1	1	0	6	10	3	0	Jodhpur	
1.3	-0.3	2.6	0.27	+0.08	0.24	27	1	+0.6	4.7	-1.1	0	0	0	0	3	4	5	4	11	0	3	0	0	1	10	5	2	9	Barmer	
2.9	+1.1	4.1	0.89	+0.22	0.27	25	2	+1.5	5.2	+0.6	4	6	7	1	1	0	1	6	4	1	4	0	0	0	9	4	12	0	Rajputana, East Jaipur	
2.0	+0.3	3.2	0.04	-0.11	0.04	26	0	-0.4	5.6	+1.1	1	4	1	1	3	4	4	1	11	1	2	0	0	0	7	11	8	1	Ajmer	
2.2	+0.4	3.4	0	-0.21	0		0	-0.5	2.8	+0.1	2	0	3	1	3	3	7	4	7	1	2	2	0	0	4	11	6	4	Kotah	
1.4	0	2.6	1.06	-0.79	1.00	19	1	+0.5	3.8	+0.3	5	1	2	1	4	6	3	1	7	2	3	4	1	0	2	11	5	2	Brijnagar	
1.7		3.8	0.11	0.11	0.11	27	1		6.7		5	2	2	0	1	1	7	8	4	4	1	0	0	2	4	6	10	3	Rajsamand Gujarat Deesa (R)	
1.5	+0.3	1.0	0	-0.07	0		0	-0.1	6.0	-1.4	0	0	0	1	2	10	3	1	13	9	1	1	0	1	11	10	2	1	Bhuj	
3.1	+0.7	1.9	0	-0.08	0		0	0	9.9	+0.3	4	0	0	0	0	9	12	5	0	1	0	0	0	0	8	16	5	Dwarka		
2.2	+0.6		0	-0.02	0		0	0	4.5	-6.5	0	0	0	0	0	12	18	1	4		1	1	0	0	2	12	9	1	Jamnagar	
1.5	-0.8	1.5	0.24	+0.21	0.24	20	1	+0.9	9.7	+1.6	1	0	0	0	1	8	11	4	5	4	1	1	0	0	0	2	12	9	1	Rajkot
2.6	+0.5	1.3	0	0	0		0	0	12.2		8	3	1	1	0	0	5	12	0	0	0	0	0	0	0	6	17	7	Veraval	
3.7	+1.8	2.2	0	-0.08	0		0	-0.1	5.8	+1.6	1	2	2	2	3	2	6	5	0	1	0	0	0	0	17	5	7	0	Surat	
1.7	+0.1	1.8	0.12	+0.02	0.12	20	1	+0.7	6.2	+0.5	0	0	1	0	1	9	15	3	1	0	3	5	8	6	3	2	1	2	Bhavnagar	
1.7	+0.3	1.3	0.09	+0.04	0.09	27	0	-0.1	2.4	-1.5	1	1	0	1	2	4	7	13	1	1	0	0	1	7	9	4	7	Ahmedabad		
1.9	+0.3	1.9	0.42	+0.40	0.42	27	1	+1.0	11.7	+6.0	1	1	2	0	2	10	10	1	3	1	1	0	0	0	10	12	6	Dohad		
0.9	0	1.0	0	0	0		0	0	3.4	+0.1	0	0	0	0	3	13	4	1	9	1	2	0	0	1	9	11	4	2	Baroda Central India, West Neemuch	
1.7	+0.3	4.1	0.14	+0.02	0.10	27	1	+2.7	6.4	+0.5	3	6	2	0	1	4	10	0	4	1	6	4	0	3	5	6	4	1	Central India, West Neemuch	
0.9	-0.8	3.1	1.19	+1.06	1.11	27	1	+0.7	3.9	+0.1	1	2	0	2	0	9	12	3	7	3	2	0	1	1	2	12	9	0	Indore	
1.1	-0.6	4.1	0.09	-0.13	0.07	17	0	-0.7	4.1	+0.3	2	1	0	3	2	5	6	3	8	3	2	0	0	1	2	12	6	4	Bhopal	
3.0	+2.0	5.3	0.11	-0.18	0.05	20	0	-0.5	4.9	+1.3	3	3	4	4	2	3	3	2	6	2	0	0	1	3	7	8	3	Guna		
2.9	2.9	0.11	0.08		0.08	28	0		2.8		2	1	3	1	3	3	4	5	8	6	2	2	1	1	1	3	9	5	Gwalior	
3.7	3.7	0.91	0.81		0.81	28	1		6.2		4	4	3	1	3	7	3	2	3	5	2	2	3	0	3	6	8	1	Madhosagar	
2.9	+0.8	3.9	0.23	+0.06	0.23	19	1	+0.7	3.9	+1.6	2	3	3	1	5	9	1	4	2	7	4	1	0	1	6	3	8	0	Central India, East Nowgong	
3.2	+1.3	4.7	1.48	+1.20	1.06	19	2	+1.3	4.1	+0.4	1	2	3	1	1	4	3	1	14	2	5	2	2	0	1	2	15	1	Sutna	
4.6	+2.2	5.7	1.61	+1.15	0.56	20	3	+2.1	3.7	+0.2	1	1	2	3	3	3	1	2	14	5	3	3	1	1	0	6	9	2	Umaria	
0.5	-1.4	1.0	0.08	-0.12	0.04	18, 30	0	-0.5	6.1	+1.6	2	1	1	3	0	2	1	14	6	0	3	0	0	1	3	1	22	0	Berar Akola	
1.7	-0.2	4.2	0.43	+0.09	0.43	20	1	+0.2	6.5	+1.9	3	5	3	5	1	9	3	0	1	0	1	0	5	0	13	0	11	0	Amraoti C. P., West Khandwa	
1.2	-0.3	3.8	0	-0.11	0		0	-0.3	5.5	+0.3	1	1	0	0	2	1	15	6	4	2	2	0	0	0	2	15	8	1	Hoshangabad	
0.8	-0.8	3.2	0.13	0	0.13	27	1	+0.7	3.7	+1.2	2	1	3	5	3	2	2	2	10	1	0	1	2	1	5	4	5	11	Saugor	
3.7	+2.0	5.6	0.26	+0.05	0.16	19	2	+1.5	11.1	+6.9	3	7	1	7	4	5	3	0	8	1	1	0	0	4	7	9	0	Jubbulpore		
4.2	+2.6	5.3	1.88	+1.56	1.20	19	3	+2.2	3.7	+1.3	1	3	1	3	5	3	1	1	12	6	3	0	2	2	4	6	5	2	Seoni	
2.0	+0.1	4.7	1.52	+0.92	0.48	20	5	+3.3	4.9	+1.5	7	3	2	2	6	5	1	1	3	5	2	3	1	5	1	4	7	2	Nagpur C. P., East Pendra	
2.6	+0.3	5.1	1.63	+1.03	0.72	20	4	+2.7	4.2	-0.9	7	1	2	3	3	2	1	5	6	4	0	2	0	6	4	5	9	0	Titagarh	
3.2	+0.7	5.0	2.03	+1.06	1.35	19	3	+0.9	5.3	+1.0	5	2	1	5	9	1	1	3	3	10	4	1	2	4	2</					

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.)

STATION.	Height of bar. eastern mean sea level in feet. above mean level in feet.	Pressure reduced to 32°F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.				Relative humidity %		
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Konkan Dahanu	15	1009.5		1006.9	87.8		91	5 days	73.5		68	4, 13	76.1	85.3	70.8	76.2	23.1		26.4	76		64		
Bombay	37	1009.3	+ 0.4	1006.1	89.6	+ 0.5	93	22	76.3	+ 0.2	73	3	79.4	85.3	74.3	75.9	26.7	- 0.5	26.2	78	0	69		
Allbag	23	1010.3	+ 0.4		86.7	- 0.9	91	22	74.3	- 1.0	70	11, 12, 13	78.9		73.9		27.9	- 2.2	78	+ 6		77		
Harnai	66	1008.1		1005.1	84.5		87	1, 22	77.5		75	4 days	80.1	83.2	75.1	77.8	27.1		29.6	78		78		
Ratnagiri	211	1003.7	+ 0.8	1000.7	87.7	- 1.2	90	23	76.7	- 0.3	74	5 days	80.5	85.1	77.2	81.6	29.9	+ 3.8	34.8	84	+ 11	85		
Devgad		1006.7		1003.6	89.5		92	19, 27, 28	77.9		75	10, 11	80.7	86.4	75.2	77.5	27.0		27.7	76		66		
Marmagao	202	1003.5	+ 0.4	1000.1	86.5	- 1.1	89	1	78.5	- 0.5	75	10, 19	81.9	85.1	75.4	76.6	26.7	- 1.3	26.8	78	- 5	66		
Honavar	85	1008.1		1004.9	90.7		94	3	76.6		73	11, 25	80.6	87.8	75.6	78.0	27.6		27.8	79		68		
Bombay Deccan																								
Jalgao	660	986.0		982.0	103.4		108	1	70.5		64	12	79.7	103.8	66.8	75.6	15.7		17.6	46		95		
Malegaon	1,482	960.5	- 0.5	956.5	101.0	- 2.2	104	1, 5, 26	69.4	- 1.5	60	20	78.3	100.0	62.6	68.6	12.7	- 2.1	10.2	37	- 4	15		
Ahmednagar	2,154	937.5	0	933.2	100.0	- 0.3	102	7 days	69.0	- 0.8	64	4 days	78.1	97.4	57.8	65.8	7.6	- 6.3	8.1	25	- 9	15		
Poona	1,884	948.4	+ 0.9	944.4	96.9	- 2.0	103	4, 17	66.4	- 1.0	61	14	72.4	93.4	63.6	68.2	16.1	+ 0.3	12.5	60	+ 7	27		
Sholapur	1,570	956.4	+ 0.1	951.6	102.0	- 1.5	106	7	75.0	- 0.8	71	20	79.6	100.7	64.0	68.4	14.6	- 0.4	9.7	41	0	17		
Miraj	1,817	948.5	- 0.2	943.7	100.4	+ 1.2	104	7	70.0	0	65	6, 8	74.2	93.5	67.9	71.9	20.2	+ 0.1	17.3	72	+ 7	29		
Bijapur	1,950	943.8	- 0.1	940.4	100.0	- 0.7	104	6, 7	74.0	- 0.5	70	4	78.0	98.1	65.9	68.1	16.5	- 1.6	10.5	52	- 2	18		
Belgaum	2,562	924.6	+ 0.2	921.4	94.8	+ 1.1	98	4 days	65.4	- 3.0	62	4 days	69.1	87.6	65.8	70.9	20.0	+ 1.6	18.5	84	+ 17	44		
Gadag	2,191	998.4	- 0.1	988.6	98.7	- 0.1	102	4 days	71.4	- 1.0	68	28	74.9	97.0	70.1	76.4	22.7	+ 1.0	22.0	76	+ 3	38		
Hyderabad, North																								
Aurangabad	1,905	945.9	+ 0.1	941.7	99.8	- 1.5	102	5 days	73.2	- 0.5	69	6, 9, 13	80.9	97.1	61.4	66.5	10.4	- 1.2	9.1	31	- 3	16		
Parbhani	1,350	962.1		957.4	102.5		106	7	73		65	12	80.3	100.1	69.9	79.9	19.9		25.2	58		40		
Bidar	2,178	986.0		981.6	97.9	- 0.9	103	7	75.1	- 0.3	66	14	79.5	95.3	68.5	71.4	18.9	+ 0.6	15.8	57	+ 7	33		
Nizamabad	1,950	966.8	- 0.8	961.8	99.9	- 4.3	104	4 days	76.1	- 0.2	71	8, 14, 20	82.6	98.7	68.5	69.6	17.0	- 0.9	11.1	47	+ 2	19		
Peddapalli	755	984.5			100.0		107	5, 7, 10	76.0		65	15, 16	82.9		75.3		26.1		70					
Hyderabad, South																								
Gulbarga	1,508	958.0	- 0.1	953.4	101.9	- 1.5	106	7, 8	76.4	+ 0.1	68	11	81.7	99.4	68.5	72.8	18.0	+ 0.3	16.0	51	+ 3	27		
Raichur	1,911	964.8	+ 0.2	959.9	100.2	- 2.3	105	9	79	+ 0.2	71	13	81.8	98.9	74.7	80.5	26.0	+ 4.7	26.8	71	+ 17	44		
Hyderabad(Begumpet)	1,778	949.5	+ 0.5	945.2	99.5	- 1.0	103	6 days	74.5	- 0.6	67	14	80.6	95.2	70.7	71.9	21.3	- 0.8	16.4	61	+ 4	32		
Hanamkonda	681	979.6	+ 0.3	974.7	97.5	- 3.2	102	8, 5, 28	76.0	- 1.1	65	14	80.1	97.0	73.8	72.7	25.2	+ 2.5	15.9	73	+ 12	28		
Khammameth	967	997.4		992.3	98.6		109	3, 27, 28	77.1		66	14	81.2	97.1	77.5	79.1	30.3		25.3	84		44		
Mysore																								
Chitaldrug	2,405	929.6	+ 0.2	925.8	94.6	- 2.7	99	12	71.5	- 1.4	68	20, 31, 28	74.9	92.4	69.5	71.4	22.2	+ 1.3	17.1	78	+ 13	35		
Hassan	3,149	906.3		902.7	91.2	- 1.2	95	12	67.4	+ 0.1	68	28, 29	71.6	85.1	67.8	71.7	21.5	+ 0.4	20.5	62	+ 8	52		
Bangalore	3,021	910.0	+ 0.1	906.2	91.6	- 0.2	96	12	69.7	+ 0.6	68	13	73.2	88.8	68.4	66.7	21.3	- 0.8	12.8	78	+ 6	30		
Mysore	2,518	926.4	+ 0.1	922.8	91.7	- 2.9	96	12	69.3	- 1.1	68	6	72.6	90.5	69.2	69.8	22.6	- 0.1	16.1	84	+ 9	34		
Malabar																								
Mangalore	72	1008.4	+ 0.6	1005.1	91.0	- 0.2	93	24	78.8	+ 0.3	74	21	82.9	88.0	76.5	78.7	27.8	- 0.4	28.9	73	- 1	64		
Calicut	27	1009.5	+ 0.3	1006.4	91.9	+ 0.9	95	24	78.0	- 0.4	74	25	82.4	89.2	77.2	81.7	29.2	- 0.5	33.2	78	- 2	71		
Palghat	919	993.7		995.3	96.1		100	9	77.1		78	20	80.2	91.4	75.7	77.2	28.0		25.1	80		52		
Cochin	10	1010.4	+ 0.4	1007.1	88.2	- 0.4	91	16	78.5	- 0.2	75	19, 20	82.7	87.0	77.5	79.8	29.3	- 0.7	31.4	78	0	72		
Alleppey	12	1010.3		1007.1	90.9		94	11, 28	78.0		74	24	83.1	88.0	77.7	79.9	29.6		30.8	78		69		
Trivandrum	200	1003.3	+ 0.2	1000.0	90.3		93	21	76.8		73	7	80.0	86.4	76.1	78.6	28.6	- 0.9	30.0	88	+ 1	70		
Madras, Southeast																								
Pamban	37	1008.7	+ 0.3	1005.5	89.5	- 1.6	91	24	78.1	- 1.6	73	6	88.6	84.6	79.4	79.4	32.1	+ 0.7	31.6	82	+ 3	79		
Madura	437	994.8	- 0.2	990.3	97.4	- 0.4	104	28	77.7	+ 1.0	73	5	83.3	94.1	76.0	76.3	27.2	- 0.7	22.1	70	- 1	42		
Negapatam	31	1008.8	- 0.1	1005.3	90.7	- 1.3	102	30	79.2	- 0.5	74	1	82.9	86.6	77.1	79.5	28.8	- 1.9	30.8	76	0	72		
Trichinopoly	295	1000.1	+ 0.1	995.7																				

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from												STATION.										
Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	STATION.				
24	25	26*	27	28	29	30	31	32	33	34	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm					
3.0	1.2	0	0	0	0	0	0	0	9.4	0	1	2	9	12	2	1	1	1	1	3	0	0	0	0	0	3	21	3	0				
2.1	- 0.8	0.3	0	- 0.03	0	0	0	0	6.0	- 1.1	7	5	1	5	2	2	2	3	3	5	0	0	0	0	0	0	6	19	0	Konkan			
2.2	- 0.7	0	- 0.01	0	0	0	0	0	5.4	- 1.4	1	3	3	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	Bahanu				
1.8	0.9	0	0	0	0	0	0	0	10.6	0	9	8	4	3	0	0	1	3	2	0	0	0	0	0	0	1	14	15	0	Bombay			
2.4	+ 0.1	1.4	0	- 0.10	0	0	0	- 0.3	7.4	+ 0.5	18	5	4	4	0	0	0	4	0	0	0	0	0	0	0	0	1	8	21	0	Alibag		
3.7	2.2	0.01	0.01	0.01	18	0	0	0	12	12	0	0	0	0	1	2	3	1	0	0	0	0	0	0	0	0	0	18	11	0	Harnai		
2.5	- 1.8	2.5	0	- 1.32	0	0	0	- 0.8	9.3	+ 1.8	9	11	4	2	1	1	1	1	0	0	0	0	0	0	0	0	1	18	11	0	Ratnagiri		
4.0	4.0	0.02	- 0.72	0.01	19, 30	0	- 1.1	3.5	0	0	22	3	0	0	1	2	2	0	0	0	0	0	0	0	0	1	17	12	0	Devagad			
0.8	2.1	0	- 0.07	0	0	0	0	- 0.2	0	0	0	0	0	0	0	0	29	0	1	0	0	0	0	0	0	0	30	0	0	Marmagao			
0.7	- 0.7	2.4	0.26	+ 0.14	0.26	20	1	+ 0.7	5.4	- 0.9	1	0	0	0	1	3	17	8	5	2	6	1	0	0	2	10	8	1	Gadag				
0.5	- 1.0	2.5	0	- 0.40	0	0	0	- 1.1	5.5	- 0.6	0	1	1	0	0	1	0	12	15	0	4	0	2	0	8	0	21	0	Ahmednagar				
0.9	- 0.8	2.3	1.46	+ 0.87	0.74	30	3	+ 1.7	6.4	0	0	0	0	0	2	11	6	0	11	1	0	0	0	1	3	14	10	1	Poona				
1.4	- 0.6	4.1	0.62	+ 0.09	0.58	19	1	- 0.2	6.6	+ 0.2	9	0	1	3	1	2	10	2	10	1	2	3	2	3	8	5	1	Sholapur					
1.1	- 1.1	2.8	0.13	- 1.86	0.13	19	1	- 2.1	7.9	+ 1.9	2	0	3	0	1	1	4	9	10	3	6	1	0	3	0	7	9	1	Miraj				
1.7	- 0.9	3.2	0	- 0.85	0	0	0	- 1.8	8.4	- 1.2	2	4	0	0	3	2	10	9	0	3	4	0	2	1	1	6	5	8	Bijapur				
0.9	- 1.6	2.8	0.44	- 1.31	0.80	17	1	- 2.9	4.7	+ 1.1	0	0	1	0	0	0	29	0	0	0	0	0	0	0	0	30	0	0	Belgaum				
2.8	0	2.9	1.08	- 0.38	0.41	30	3	+ 0.2	7.8	+ 1.2	0	2	0	0	5	14	6	8	0	3	12	3	0	1	1	4	6	0	Gadag				
0.4	- 1.8	1.5	0	- 0.24	0	0	0	- 0.6	8.2	+ 0.7	2	1	6	1	2	6	5	6	1	5	5	1	1	0	2	9	7	0	Hyderabad, North				
0.8	3.6	0.64	+ 0.22	0.47	19	2	+ 0.8	0	1	0	2	1	2	8	14	2	5	3	1	2	2	1	8	8	0	0	Aurangabad						
2.2	- 0.1	5.2	1.25	+ 0.18	0.61	14	3	+ 0.5	7.2	+ 0.8	3	2	1	4	4	6	4	6	3	6	6	2	1	4	3	4	1	Parbhani					
1.8	- 0.6	4.1	0.84	- 0.51	0.21	19	1	- 1.0	4.2	+ 1.0	0	0	5	6	2	5	2	0	10	6	5	1	5	2	1	2	4	4	4	Bidar			
4.1	4.53	2.60	14	2					0	0	2	12	5	11	0	0	0											Nizamabad					
0.8	- 1.0	3.3	0	- 0.83	0	0	0	- 2.1	7.6	+ 1.2	5	3	4	4	2	3	3	5	1	7	4	5	3	4	1	0	6	0	0	Hyderabad, South			
3.0	+ 0.9	4.5	0.53	- 0.11	0.53	19	1	- 0.4	7.5	+ 1.5	0	2	2	6	1	15	2	2	0	0	5	3	15	2	0	1	3	1	Gulbarga				
2.1	- 0.5	4.9	0.49	- 0.63	0.53	14	1	- 0.9	5.9	+ 1.3	1	2	8	8	1	2	3	2	3	4	2	8	9	8	0	1	2	1	1	Raichur			
4.3	+ 1.0	3.5	1.69	+ 0.78	0.68	24	4	+ 2.4	7.7	+ 1.8	0	0	1	12	15	2	0	0	0	3	3	1	11	8	3	0	1	0	0	Hyderabad(Begumpet)			
6.4	3.6	4.94	2.48	20	2				6.7		0	0	3	20	5	1	0	1	0	1	1	4	14	3	3	3	1	0	3	Khammameth			
3.0	0	5.2	1.84	+ 0.37	0.47	20	4	+ 2.0	5.2	+ 0.9	1	0	0	0	1	16	10	1	1	1	1	6	2	1	1	8	8	2	Mysore				
3.0	- 0.4	7.8	0.85	- 1.35	0.47	2	3	- 1.2	6.5	+ 2.6	0	1	1	1	0	12	12	3	0	0	3	1	5	0	8	10	3	0	Chitaldrug				
4.4	+ 1.1	6.8	1.01	- 0.59	0.36	18	3	+ 0.4	6.8	+ 2.0	0	1	2	0	0	14	9	4	0	3	7	9	3	1	0	1	6	0	Hassan				
4.8	+ 0.1	5.3	4.27	+ 1.97	1.98	6	- 0.6	5.9	+ 1.1	0	0	0	2	2	8	15	1	2	2	5	1	2	1	2	6	3	3	Bangalore					
4.3	- 0.1	2.9	0.24	- 1.29	0.12	4	2	- 0.3	5.4	+ 1.6	1	10	15	0	0	0	1	1	2	1	0	0	0	3	7	19	0	Mysore					
5.4	+ 0.5	5.2	3.09	- 0.49	1.42	25	6	+ 1.8	8.5	+ 1.8	5	19	4	0	0	0	0	2	0	0	0	1	0	0	1	16	12	0	Malabar				
4.8	5.8	2.00				20	6		5.7		0	1	0	0	0	5	20	1	3	0	0	1	1	0	5	17	5	Mangalore					
6.6	+ 1.9	5.1	2.63	- 2.25	0.66	2	5	+ 1.3	7.6	+ 2.3	5	6	6	4	0	2	0	2	5	0	0	0	0	0	0	1	18	11	0	Calicut			
7.2	6.4	2.84				4	3		7.9		1	6	6	5	0	0	2	5	5	0	0	0	0	0	0	1	11	18	0	Palghat			
4.8	- 0.6	5.8	7.12	+ 2.57	4.60	7	7	+ 0.1	5.7	+ 1.4	14	6	1	0	0	0	0	6	3	1	1	1	0	3	0	14	10	0	Cochin				
5.3	+ 1.8	4.2	5.81	+ 3.97	3.14	1	6	+ 2.8	8.0	+ 1.9	1	5	1	6	10	4	2	1	0	1	7	0	11	10	1	0	0	0	0	0	0	0	Madras, Southeast
5.5	+ 0.4	6.5	2.03	- 0.13	0.91	1	4	+ 0.9	3.3	+ 0.4	3	5	6	2	0	0	3	5	6	2	5	6	4	2	1	1	1	8	0	0	Famban		
4.0	- 0.7	4.1	3.20	+ 2.09	2.53	1	3	+ 1.7	7.3	+ 1.0	1	1	3	0	1	9	7	6	2	0	6	6	11	4	3	0	0	0	0	0	0	0	Madura
4.4	4.24	2.44	1.29			26	7	+ 5.0	4.8	+ 0.8	2	5	1	1	4	2	6	6	3	3	6	8	4	2	0	2	5	0	0	0	Trichinopoly*		
3.5	- 0.4	5.6	3.62	+ 2.04	1.51	27	7	+ 3.8	0.9	- 1.7	0	0	0	0	0	0	0	0	30	0	1	1	0	4	4	0	0	0	20	Coimbatore			
3.7	+ 0.3	6.6	2.61	+ 0.68	0.93	12	7	+ 3.4	5.5	+ 1.6	1	4	5	0	2	7	6	1	4	1	6	6	1	4	7	5	0	0	Salem				
4.2	0	4.1	1.74	+ 0.76	0.88	2	2	+ 0.9	6.9	+ 1.8	2	1	1	0	10	4	9	2	1	0	2	11	15	1	0	1	0	0	0	0	0	Cuddalore	
4.2	+ 1.4	4.																															

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.)

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32° F. and standard gravity, millibars.				Maximum temperature °F.			Minimum temperature °F.			Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.			Relative humidity %					
		Mean 9 hrs. I. S. T.	Departure from neutral.	Mean 18 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.		
1	9	8	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Madras Coast, North Nellore	66	1007.5	+0.4	1008.6	96.9	-3.1	106	29	78.0	+0.6	71	15	88.5	90.8	76.0	78.9	25.9	+0.2	28.0	78	+4	50		
Ongole (R)	...	10	1009.7	-0.1	1006.1	91.8	-2.4	99	25	77.7	0	68	14	83.1	87.7	78.6	80.5	31.0	-0.9	82.0	81	+2	71	
Masulipatam	...	26	1009.6	+0.5	1005.6	92.7	-3.4	97	27	76.7	-1.8	67	14	82.5	87.7	77.5	79.0	29.6	-0.8	29.5	79	+3	67	
Cocanada	...	126	1005.9	+0.6	1002.4	87.5	-2.1	91	24	78.4	+0.2	73	16, 24	83.1	84.7	76.6	77.7	28.0	-0.3	28.8	73	+1	77	
Vizagapatam	...	19	1009.2	+0.5	1005.7	91.0	-1.5	93	6 days	78.0	-0.2	75	24	82.2	85.8	77.4	79.1	29.2	-1.2	30.7	80	+5	77	
Hill Stations, ex- cluding Kashmir and Baluchistan																								
Shillong	4,921	850.6	+1.2	847.7	78.8	-0.3	83	10	56.4	-0.6	50	22	67.4	65.9	58.9	59.6	13.7	+1.1	14.9	61	+4	60		
Cherrapunji	4,809	870.0	+1.4	866.9	71.1	-0.2	76	1	59.6	+0.7	56	4 days	65.6	66.5	61.3	62.5	16.8	+0.5	17.7	79	+2	80		
Aijal	8,599	891.0		868.4	79.9		88	1,2	63.4		56	6	69.3	72.3	64.5	65.9	18.7		18.8	77		77		
Darjiling	7,482	778.0	+2.2	775.7	62.4	+1.2	69	6, 9	48.8	0	41	22	55.1	58.4	50.1	49.6	10.5	-0.6	10.6	72	-3	77		
Kalimpong	3,965	879.5	+0.9	877.0	74.9	+0.2	82	6, 7	58.4	-1.1	58	22	64.9	68.5	61.2	64.0	17.1	+2.6	18.6	81	+18	77		
Katmandu	4,898	868.8		865.9	79.7	-4.2	92	4	51.8	-1.2	40	5	68.4	73.9	59.8	64.0	12.4	+1.6	16.4	75	+17	62		
Muktesar	7,593	771.6	-0.8	770.4	64.9	-3.0	77	1, 2	47.9	-2.4	40	15	58.8	58.0	43.9	46.9	6.2	+0.2	7.0	43	+8	40		
Mussooree	6,940	797.4		795.9	67.7	-1.5	81	1	48.9	-3.9	39	17	56.6	61.7	48.7	53.7	8.1	+0.9	10.5	58	+11	6		
Simla	7,224	781.5	+0.3	780.7	62.5	-3.4	76	1	48.7	-1.9	37	8	55.7	58.9	45.2	48.5	5.6	-0.3	7.0	46	+10	4		
Murree	7,118	783.7	-0.1	783.5	59.4	-5.9	71	30	44.7	-2.2	34	8	50.2	57.4	42.1	47.6	6.9	-0.7	7.6	54	+4	50		
Wana	4,456	860.4		858.0	75.2	-1.5	89	30	50.1	+0.5	41	2, 8	54.8	72.5	48.7	54.4	9.5	+1.0	7.9	67	+7	30		
Cherat	4,272	868.4	-0.1	867.8	71.5	-0.6	85	30	54.2	-1.6	44	7	59.0	66.2	49.6	53.9	10.9	+2.1	10.9	52	-3	42		
Parachinar	5,673	825.5	-0.1	824.5	67.8	-0.9	79	30	46.6	-0.8	38	8	53.3	62.9	46.6	51.6	8.4	+0.2	8.9	62	+3	41		
Drosh	4,709	858.2		855.0	68.1	-0.8	88	30	47.1	-1.3	36	6, 7	51.9	67.2	44.5	55.0	7.0	-1.7	5.8	55	-14	3		
Abu	8,945	879.5	-0.6	878.2	82.8	-1.5	89	6	65.9	-2.4	57	2, 3	71.6	80.7	54.1	58.2	6.5	-2.0	6.4	90	-1	20		
Pachmarhi	8,528	993.4	-0.3	891.0	90.8	-1.1	95	1	66.7	-2.1	55	20	75.2	89.0	59.6	64.1	11.2	+1.0	10.8	38	+6	20		
Mahabaleshwar	4,584	Observations available		for 14 days	only	hence	no						means published.											
Mercara	3,781	886.0	+0.1	883.5	82.1	-1.6	86	1	64.2	+0.3	60	11	67.9	76.4	65.5	68.1	20.3	+0.8	19.8	87	+7	60		
Ootacamund	7,364	780.9	+0.3	779.1	72.0	+0.5	77	9	50.8	+1.2	46	29	54.8	65.7	54.7	57.5	11.9	+1.3	13.2	88	+23	60		
Coonoor	5,780	827.6			75.3	+0.7	80	7	57.1	+0.5	53	15	65.7		60.0	15.1	+0.6		72	+6				
Kodaikanal	7,688	772.1	+0.5	770.7	67.2	-1.0	71	9	53.4	+0.8	51	16, 18, 25	57.2	61.5	52.8	56.8	11.9	+1.3	14.0	76	+15	77		
Ceylon																								
Colombo	24	1010.2	+0.6	1007.3	87.9	-0.9	89	12 days	77.0	+1.1	73	1, 15, 18, 19	80.8	86.0	76.8	78.2	29.1	-0.8	29.3	83	-7	60		
Trincomalee	24	1009.7	+1.2	1006.4	88.8	-2.9	95	29, 30	76.8	-0.8	70	6	81.8	85.5	77.8	79.0	30.2	+0.3	30.9	81	-3	73		
Hambantota	61	1007.9	0	1005.0	87.0	-0.8	91	24, 25, 30	76.0	-0.1	73	15, 18, 20	79.7	84.3	76.4	78.0	29.5	+0.5	29.8	86	-3	74		
Nuwara Eliya	6,170	815.0	+0.2	813.0	70.6	+0.2	78	7 days	50.2	+0.6	45	5, 11	58.9	68.4	55.8	59.6	14.0	-0.6	15.9	83	-8	80		
Afghanistan																								
Jalalabad	1,950	943.5			81.5		96	22	56.7		50	10	63.7	79.7	59.5	69.2	15.6		19.6	79		61		
Kabul	5,955	820.1			818.1	65.9	+0.6	80	30	48.1	+0.4	33	8	48.8	62.5	42.6	48.0	6.9	-0.3	5.7	62	+2	80	
Kandahar	3,462	899.8			897.2	80.0		95	30	46.2		35	1, 2	58.9	78.1	49.1	60.5	7.4		10.1	62		92	

(E)—Register not received.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from												STATION							
Mean 9 hrs. I.S.T.	Departure from normal.	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.						18 hrs. I. S. T.													
24	25	26	27	28	29	30	31	32	33	34	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm		
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52		
5.5	+1.7	5.0	0.53	+ 0.05	0.31	15	2	+ 1.4	5.7	+ 0.1	2	1	1	4	8	5	0	2	7	0	3	8	11	6	0	0	0	2	Madras Coast, North Nellore	
5.6	+1.2	2.7	0.64	- 0.05	0.50	14	2	+ 1.1	7.0	+ 1.2	5	2	3	6	10	1	1	0	2	0	1	3	15	11	0	0	0	0	Ongole (R)	
4.2	-0.9	3.3	2.25	+ 1.61	1.03	14	4	+ 3.0	6.7	+ 1.6	0	7	0	5	2	2	1	7	6	0	0	0	20	6	4	0	0	0	Masulipatam	
4.1	-0.8	4.6	0.65	- 0.06	0.29	20	3	+ 1.7	4.6	- 0.9	1	0	1	1	1	7	10	0	9	0	0	0	6	20	1	0	1	2	Cocanada	
5.2	+1.9	5.4	1.26	+ 0.50	1.20	28	1	- 0.6	9.3	+ 1.0	14	0	1	0	1	1	0	13	0	1	0	0	0	14	16	0	0	0	0	Vizagapatam
																												Calingapatam		
4.7	+0.7	7.8	7.90	+ 2.80	1.44	21	14	+ 4.8	9.8	- 1.4	0	2	1	1	2	9	2	0	18	2	0	1	1	0	9	1	1	15	Hill Stations, ex- cluding Kashmir and Baluchistan	
7.0	+0.4	7.7	11.79	- 14.44	2.28	9	14	- 2.0	6.5	- 0.1	1	6	4	2	5	8	4	0	0	2	3	1	0	8	15	8	0	3	Cherrapunji	
4.8	5.4	5.54	1.95	7	11				5.8		0	0	12	1	5	7	2	0	3	1	0	4	0	0	0	11	9	3	2	Aijal
6.2	+1.3	7.1	4.57	+ 0.43	1.25	21	10	+ 2.5	6.9	+ 1.2	0	0	14	1	0	2	8	1	4	0	0	0	0	0	20	0	0	0	Darjiling	
2.9	-0.4	5.0	1.75	- 0.98	0.87	21	6	+ 0.2	7.9	0	0	0	0	4	1	0	0	23	2	0	0	0	0	0	20	0	0	6	Kalimpong	
4.8	+3.2	5.6	4.06	+ 3.05	1.18	15	7	+ 3.8	1.0	- 0.3	0	0	1	0	1	0	0	0	28	0	0	4	0	3	0	7	1	15	Katmandu	
3.0	+0.3	4.6	2.90	+ 0.89	0.95	20	7	+ 3.7	9.1	+ 2.4	1	6	5	0	2	3	7	5	1	1	2	2	0	1	10	12	2	0	Muktesar	
3.7	+0.8	5.8	1.07	- 0.26	0.46	7	4	+ 0.2	5.2	0	4	5	6	3	3	1	1	3	4	1	0	0	7	7	7	1	3	4	Mussooree	
3.2	-0.2	4.6	2.02	+ 0.21	0.70	8	5	+ 0.9	3.2	- 0.7	5	1	1	6	4	1	1	0	11	5	2	1	2	10	7	1	2	0	Simla	
3.2	-0.7	5.7	6.98	+ 2.85	2.40	8	10	+ 2.9	9.0	+ 3.0	1	3	4	8	2	0	3	6	3	0	2	4	7	2	3	6	5	1	Murree	
3.0	+0.2	5.4	1.08	- 0.29	0.40	16	3	- 0.8	4.1	0	0	0	3	9	2	2	0	14	1	1	10	10	4	2	2	0	0	Wana		
3.0	-0.4	5.0	2.59	- 0.18	0.94	7	5	+ 0.3	8.7	+ 0.5	16	0	0	2	1	0	1	1	9	8	0	0	3	3	1	0	1	14	Cherat	
3.2	-0.4	7.0	3.41	- 0.62	0.62	25	10	+ 1.3	4.7	- 1.9	17	0	5	0	1	0	1	0	6	5	1	9	9	4	0	2	0	0	Parashinaz	
4.5	+0.6	5.8	4.41	+ 0.33	1.32	6	9	+ 0.9	4.7	+ 1.7	1	2	7	2	2	2	1	1	12	2	4	3	1	0	7	9	1	3	Drosh	
1.2	-0.3	1.7	0.53	+ 0.41	0.46	27	1	+ 0.7	5.5	- 0.4	10	1	0	0	2	2	8	5	2	6	0	0	0	0	7	12	4	1	Abu	
2.7	+0.5	5.0	0.48	+ 0.06	0.25	16	1	+ 0.1	3.1	- 1.1	2	8	2	0	3	5	2	5	8	2	3	0	0	0	4	1	18	2	Pachmarhi	
3.8	-0.8	5.5	3.78	+ 1.22	1.90	22	7	+ 1.9	5.5	+ 2.8	0	0	1	0	0	1	9	8	11	0	1	1	1	0	4	12	9	2	Ceylon	
4.0	+0.3	6.8	2.18	- 0.86	0.77	2	6	- 0.5	1.0	- 2.8	1	0	0	0	0	0	0	0	29	5	8	2	0	0	0	0	0	16	Colombo	
4.9	+0.2	5.38	- 0.49	1.99	17	9	+ 2.1	4.2	+ 1.0	1	7	1	5	0	1	0	1	14	9	4	0	4	0	0	1	2	10	Ootacamund		
4.7	+1.4	7.5	4.69	- 0.13	2.29	1	8	+ 0.3	6.7	- 0.8	7	5	1	3	0	0	2	10	2	9	4	0	4	0	0	1	2	Kodaikanal		
5.4	-0.7	5.2	8.38	- 1.05	3.29	1	9	- 1.9			0	1	9	5	1	3	5	0	6	0	1	0	0	0	14	14	1	0	Ceylon	
3.6	-0.3	5.0	3.63	+ 1.61	1.21	1	4	+ 0.7			1	1	0	0	6	17	4	1	0	2	9	8	3	0	1	4	0	0	0	Trincomalee
5.9	+1.5	5.9	2.55	- 1.22	1.14	26	6	- 0.2			7	0	1	0	0	1	15	5	1	1	0	3	2	1	18	5	0	0	Hambantota	
4.9	-0.2	8.4	8.20	+ 1.62	1.36	15	12	+ 2.8																				Nuwara Eliya		
4.7	5.4	2.58		1.81	25	4		3.4			5	3	1	0	0	0	7	6	8	1	10	8	0	0	0	4	3	4	Afghanistan	
2.9	-0.8	5.3	8.42	+ 0.12	0.77	6	8	+ 1.7	3.3	+ 1.0	0	0	1	2	7	6	6	3	5	9	8	1	2	0	1	2	4	3	Jalalabad	
3.6	4.6	0.42		0.42	5	1		2.5			0	11	1	5	0	2	1	0	10	1	0	0	0	0	25	1	0	3	Kabul	
																												Kandahar		

(E)—Register not received.

b—Mean of 90 days.

TABLE III—ABSTRACT OF OBSERVATIONS RECORDED

STATION.	Height of bar. elevation above mean sea level in feet.	Pressure reduced to 32° F and standard gravity, millibars.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %			
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.			
1	9	8	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Iran																						
Charbar	25	1010.1		1007.9					70.9	- 0.8	56		1	74.2	82.3	70.7	76.3	24.9	+0.8	28.3	83	+ 8
Jask	18	1009.6		1007.0	85.2	- 1.4	98	28	73.0	+ 0.6	60	1,2	77.4	83.4	69.3	72.4	20.8	- 1.9	22.1	65	- 4	
Bandar Abbas	29	1009.7		1006.8					69.8		58	1	77.4	86.1	69.7	73.6	21.4		22.6	66		
Bushire (R)	14																					
Isfahan (E)	5,817																					
Mashed	3,104	896.8		893.6	71.8	+ 2.0	88	28,29	45.2	+ 0.8	28	1	55.0	70.0	48.6	54.8	9.0	- 0.2	8.7	65	0	
Selstan	...	955.1		951.7					57.5	- 0.6	89	21	66.7	88.1	58.0	64.3	12.7	- 0.6	10.2	58	- 2	
Arabia																						
Bahrain	12	1010.7		1009.5	81.6	- 1.2	99	22	70.6	+ 1.2	61	1	74.1	79.5	70.3	78.1	28.5	+ 2.2	24.9	82	+ 7	
Muscat	15	1009.6		1007.4	86.3	- 2.0	98	23,28,29	78.6	- 0.1	64	1	82.6	84.8	72.1	69.0	22.1	- 0.1	17.0	58	- 4	
Sharjah	18	1010.4		1008.4	87.1	+ 1.8	100	14	66.9	+ 2.6	53	1	74.9	82.9	66.2	71.5	18.1	+ 0.4	21.1	62	- 4	
ADDENDA March 1945																						
Charbar	25	1013.1		1011.2					65.6	- 0.1	53	4,5	69.1	78.8	64.9	71.1	19.2	- 0.5	22.6	80	+ 5	

(R)—Register not received.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 4TH CLASS STATIONS—APRIL 19

STATION.	Maximum temperature °F.				Minimum temperature °F.				Mean dry bulb temperature 9 hrs. I. S. T. °F.	Mean wet bulb temperature 9 hrs. I. S. T. °F.	Vapour pressure millibars.	Relative Humidity %	Rainfall, inches.						Number of rainy days (0-10 or more).	Wind.		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.					Mean 9 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.	Total of the month.	Mean cloud amount 9 hrs. I. S. T.	Departure from normal.	Heaviest fall in 24 hours.	Date.		
1	9	8	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Assam Lumding	92.6	+ 2.8	98	2,8	70.9	+ 4.6	64	13	74.7	69.1	91.8	- 0.1	74	0	4.02	+ 0.41	0.71	12	12	+ 4.8		
Bengal Pabna	95.4	- 1.4	105	8	72.1	+ 0.5	63	17	79.3	74.1	96.5	- 1.0	78	+ 3	4.30	+ 1.75	1.51	28	8	+ 8.5		
Kashmir Jammu	86.9	- 3.1	100	90	66.2	- 2.7	56	8	69.2	59.1	98.6	+ 0.9	53	+ 10	3.3	2.38	+ 1.09	1.00	8	4	+ 1.4	N 18 W
Kargil	59.4	- 5.8	65	90	84.6	- 2.8	24	9	37.1	34.6	6.0	+ 0.1	80	+ 12	2.9	1.20	- 0.50	0.45	7	3	- 0.6	S 66 E
Mysore Balhonnur	86.9	- 0.4	90	1,2,19	65.7	- 0.4	61	16	70.6	68.4	93.5	+ 0.1	89	0	3.92	+ 0.37	1.80	24	7	+ 0.5		
Tibet Yatung (Chumbi)	56.7	- 0.4	70	9	31.0	- 3.9	28	17	40.8	39.6	7.8	+ 0.2	90	+ 5	6.1	4.83	+ 0.92	1.26	21	13	+ 2.6	
Iran Zahidan	80.4	+ 2.3	94	29	58.7	+ 3.6	35	2	68.8	50.7	6.8	- 6.7	28	- 38	3.0	0.18	- 0.08	0.06	18	0	- 1.1	N 8

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0.10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from												STATION.								
Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	4 hrs. G. M. T.						12 hrs. G. M. T.														
94	95	96	97	98	99	90	91	92	93	94	N	NH	H	SH	S	SW	W	NW	Calm	N	NH	H	SH	S	SW	W	NW	Calm			
2.1	+ 0.8	2.1	0	- 0.17	0		0	- 0.5			1	2	8	0	0	0	4	6	8	0	0	1	0	8	11	7	1	0			
1.8	0	2.0	0.08	- 0.16	0.08		4	0	- 0.5	8.7	+ 0.4	1	2	5	1	1	2	8	6	4	0	0	1	2	2	19	12	0	0		
2.3		2.0	0.08		0.08		4	0		7.6		0	11	2	2	3	1	2	1	8	1	1	0	5	17	5	1	0	0		
3.9	- 0.8	4.0	1.49	- 0.38	0.98		5	4	- 0.9	2.4	+ 0.5	2	0	0	2	1	0	1	0	24	1	0	2	2	1	0	0	0	24		
3.1	+ 1.2	2.6	0.10	- 0.08	0.10		5	1	+ 0.4			0	0	0	0	0	0	0	7	23	0	0	0	0	0	0	0	6	24		
4.4	+ 1.0	3.9	0.20	- 0.26	0.20		11	1	0	8.0	- 0.6	6	1	3	4	2	3	2	6	9	5	3	6	4	1	0	0	0	11	0	
0.5	0.8	0	- 0.34	0			0	- 0.8	5.9	+ 2.0	1	0	1	1	0	0	7	14	6	8	1	7	0	0	0	0	2	17	0		
2.5	+ 0.8	2.2	0	- 0.08	0		0	- 0.8			0	1	5	4	9	5	2	1	3	6	1	0	0	0	0	0	0	14	9	0	
1.6	- 0.6	1.2	0	- 0.80	0		0	- 0.4			8	1	7	1	0	0	5	5	9	0	0	0	4	8	10	8	1	0			

(B)—Register not received.

d—Mean of 29 days.

c—Mean of 29 days.

ADDENDA

March 1945

Charbar

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 5TH CLASS STATIONS—APRIL 1945

DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0.10" or more).		DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0.10" or more).		
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.			Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	
Assam	Mawsynram (R)	...						Baluchistan	Harnai	...	0.17	- 0.58	0.08	6	0	- 1.0
Bengal	Bankura	4.10	+ 2.85	1.49	25	6	+ 3.3	Rajputana, East...	Udaipur	...	0.59	+ 0.49	0.58	27	1	+ 0.8
	Rajshahi	3.88	+ 2.23	1.88	21	4	+ 1.4	Bombay Deccan ...	Khandala (R)	...						
	Sirajganj	2.92	- 0.35	1.92	11	5	+ 0.2	Madras Southeast.	Palamcottah	...	4.07	+ 1.59	1.61	20	6	+ 2.2
	Rangpur	1.96	- 1.12	0.57	29	7	+ 2.6	Madras Deccan ...	Anantapur	...	1.62	+ 0.98	1.62	2	1	- 0.8
Bihar	Cooch Behar	2.40	- 3.25	0.88	30	7	- 0.3	Sikkim	Lachung	...	5.30	- 0.73	1.11	2	16	+ 1.6
	Muzaffarpur	1.15	+ 0.67	0.70	91	3	+ 2.1									
	Chapra	0.51	+ 0.19	0.51	21	1	+ 0.8									
	Arrah	1.86	+ 1.61	0.80	20	3	+ 2.5									
	Dehri	0.64	+ 0.41	0.31	20	2	+ 1.4									
United Provinces West.	Meerut	0.18	- 0.24	0.10	17	1	+ 0.2									
Punjab, East and North.	Dharampore	2.57	+ 1.19	0.80	24	4	+ 1.3									
	Kyelang	4.62	+ 1.29	1.79	6	8	+ 1.6									
	Dalhousie	6.72	+ 3.73	2.85	8	5	- 0.7									
Kashmir	Sonamarg	11.06	+ 9.18	2.66	1	14	+ 1.5									
	Gurez	6.08	- 0.73	1.22	17	9	- 2.7									

(B)—Register not received.

INDIA WEATHER REVIEW, 1945

Monthly Weather Report

May

Published by authority of the Government of India JUN 21 1948

Chief Features.—(1) Western disturbances were few and generally weak.

(2) Nor'westers were active in Bengal during the last week.

Five western disturbances affected northwest India during the month but were generally weak. The first disturbance moved across the northwest frontier and Kashmir during the first week causing local to fairly widespread precipitation in the North-West Frontier Province and Kashmir on the 5th and 6th. The disturbance was followed by extensive dust-haze which spread over the belt of country from the Mekran, Sind and Rajputana to the Konkan and the Deccan on the 7th and 8th.

The second western disturbance passed across the extreme north of the country between the 9th and 10th and was weak. The third disturbance was fairly active and induced a shallow 'low' from Baluchistan to the Punjab and Rajputana on the 15th which persisted there for the whole of the third week. It caused fairly widespread thundershowers in the North-West Frontier Province, Kashmir and the Punjab-Kumaon hills between the 16th and 19th, and local duststorms or thunderstorms in the Punjab and Rajputana on the 20th and 21st. The precipitation lowered the day and night temperatures by 4°-8° below normal in Kashmir and the Punjab on the 18th and 19th.

The fourth western disturbance caused fairly widespread duststorms or thunderstorms in the Punjab and Rajputana, and local precipitation in Kashmir on the 25th. The fifth and last disturbance passed across northwest India after causing scattered duststorms or thunderstorms there on the last three days of the month with widespread thundershowers in and near the Punjab hills and in the North-West Frontier Province on the 31st. Night temperatures fell 5°-10° below normal in northwest India on the last two days of the month.

In northeast India, local to fairly widespread thundershowers occurred in Assam and Bengal between the 4th and 9th. Due to a violent thunderstorm on the 4th, damage to several houses and dislocation of electric and telephone lines were reported from Burdwan. A shallow low pressure area appeared over the Central Provinces and the United Provinces on the 12th and widespread thunderstorm activity continued in northeast India on most days during the third week. Local thunderstorms occurred in the United Provinces and the Central Provinces between the 18th and 21st. Active nor'westers were prevalent in Bengal and widespread thundershowers occurred in Assam during the last week. Some damage to buildings was reported from Sylhet District due to a severe thunderstorm.

The Peninsula was generally dry for the first two weeks except for a few showers in Mysore and southeast Madras, and day temperatures were generally above normal in the Deccan between the 12th and 16th. Fairly widespread thundershowers occurred in Mysore on the 15th, and local showers in Hyderabad on the 19th. Scattered thunderstorms occurred in southeast Madras on the 19th and 22nd, and local thundershowers in Malabar, Mysore and southeast Madras on a few days between the 23rd and 31st.

The total rainfall of the month was in large excess in west Rajputana, in slight excess in Assam and east Rajputana, and normal in Bengal, Chota Nagpur, the east United Provinces and Mysore. Elsewhere it was generally in moderate to large defect. Averaged over the plains of India, rainfall was in defect by 19 per cent.

Both maximum and minimum temperatures and relative humidity were generally normal.

Cloud amount was in excess in the east and north Punjab, Gujarat, the east Central Provinces and the Madras Deccan, and normal or in defect elsewhere.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 31 sub-divisions; these means are based on observations at stations, the monthly mean data for which are given in the subsequent tables.

N.B.—The Indian Standard Time used in this publication is 6 Hrs. 30 Mins. in advance of G. M. T.

Poona No. 5: }
The 31st July 1945. }

K. R. RAMANATHAN,
for Director-General of Observatories.

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS—MAY 1945

	RAINFALL.					DEPARTURE FROM NORMAL OF					RAINFALL.					DEPARTURE FROM NORMAL OF				
	Actual.	Normal.	Departure from normal.	Percentage deviation from normal.	Maximum temperature.	Minimum temperature.	9 hrs. I. S. T.			Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	9 hrs. I. S. T.				
							Vapour pressure.	Relative humidity.	Cloud.							Vapour pressure.	Relative humidity.	Cloud.		
1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Division	"	"	"	"	"	"	mb.	%		Division—contd.	"	"	"	"	"	mb.	%			
1. Assam	15.15	12.86	+ 2.79	+ 23	-0.4	-1.1	-1.0	0	+1.0	9. Rajputana	1.09	0.47	+0.62	+1.82	-0.9	-1.8	+0.7	+ 4	0	
2. Bengal	7.81	8.21	-0.40	- 5	-0.7	-0.5	-0.5	+ 1	0	10. Bombay	0.25	0.92	-0.67	-73	-0.4	0	+0.2	+ 4	+0.4	
3. Orissa	1.72	3.17	-1.45	-46	+0.9	0	+1.0	+ 2	+0.3	11. Central India	0.38	0.50	-0.17	-84	-0.1	-0.4	-1.4	0	-0.3	
4. Bihar	1.78	2.13	-0.35	-16	+0.6	-0.8	+0.2	+ 2	-0.1	12. Central Provinces and Berar.	0.24	0.81	-0.57	-70	+0.7	0	-0.8	- 1	+0.2	
5. United Provinces	0.50	0.70	-0.20	-29	+0.5	-0.5	-0.7	0	-0.1	13. Hyderabad	0.18	0.95	-0.77	-81	+1.2	+1.9	+0.6	+ 1	+0.8	
6. Punjab	0.28	0.57	-0.29	-51	+0.8	-0.8	-0.6	+ 2	+0.3	14. Mysore	4.59	4.29	+0.90	+ 7	+0.8	+0.5	-0.1	+ 3	+0.1	
7. North-West Frontier Province	0.84	0.78	-0.89	-53	-0.7	-1.0	-1.3	0	+0.2	15. Madras	1.02	3.19	-2.17	-68	+0.9	+0.8	0	0	+0.9	
8. Sind	0.03	0.15	-0.12	-80	+0.1	0	+0.9	+ 5	0	Mean of India	1.71	2.12	-0.41	-19	+0.2	-0.2	-0.1	+ 2	+0.2	
Sub-division										Sub-division—contd.										
1. Bay Islands	"									16. Central India, West.	0.37	0.55	-0.18	-89	-0.6	+0.1	-2.1	0	-0.1	
2. Assam	15.15	12.86	+ 2.79	+ 23	-0.4	-1.1	-1.0	0	+1.0	17. Do. do. East.	0.26	0.42	-0.16	-88	+0.5	-0.9	-0.5	- 1	-0.6	
3. Bengal	7.81	8.21	-0.40	- 5	-0.7	-0.5	-0.5	+ 1	0	18. Do. Berar	0.06	0.47	-0.41	-87	+0.8	+1.1	+2.1	+ 6	-0.9	
4. Orissa	1.72	3.17	-1.45	-46	+0.9	0	+1.0	+ 2	+0.3	19. Central Provinces, West.	0.28	0.56	-0.28	-50	+0.5	-0.2	-2.1	- 4	+0.3	
5. Chota Nagpur	2.08	2.10	-0.03	- 1	+0.9	-1.2	-0.2	0	+0.5	20. Do. do. East.	0.26	1.24	-0.98	-79	+0.9	-0.2	-0.3	- 2	+0.7	
6. Bihar	1.60	2.14	-0.54	-25	+0.8	-0.4	+0.6	+ 3	-0.8	21. Konkan	0.07	1.55	-1.48	-95	-0.1	0	+1.8	+ 6	+0.1	
7. United Provinces, East.	0.73	0.75	-0.62	- 3	+0.5	-0.9	-0.2	+ 1	-0.1	22. Bombay Deccan	0.56	1.25	-0.69	-55	+0.6	+0.5	-0.3	+ 2	0	
8. Do. do. West.	0.27	0.64	-0.37	-58	+0.6	0	-1.2	- 2	0	23. Hyderabad, North	0.13	0.77	-0.64	-83	+0.6	+2.0	-0.2	- 1	+0.2	
9. Punjab, East and North.	0.43	0.74	-0.81	-42	+1.4	+0.1	-0.6	+ 2	+0.5	24. Do. South	0.24	1.13	-0.89	-79	+1.7	+1.8	+1.4	+ 4	+0.3	
10. Do. Southwest.	0.11	0.37	-0.26	-70	+0.1	-0.7	-0.5	+ 3	+0.1	25. Mysore	4.59	4.29	+0.30	+ 7	+0.3	+0.5	-0.1	+ 3	+0.1	
11. Kashmir	1.73	2.05	-0.84	-16	-2.0	-0.7	-0.4	+ 5	+0.2	26. Malabar	1.97	8.98	-7.01	-78	+1.1	+0.9	+0.5	- 1	-0.5	
12. North-West Frontier Province	0.34	0.73	-0.89	-53	-0.7	-1.0	-1.3	0	+0.2	27. Madras, Southeast	0.95	2.03	-1.08	-53	+0.8	+0.7	-0.4	- 1	+0.5	
13. Baluchistan	0.20	0.28	-0.08	-29	-0.8	-0.2	-0.3	- 1	0	28. Do. Deccan	1.27	1.88	-0.61	-82	+0.9	+0.9	-0.6	- 1	+1.3	
14. Sind	0.03	0.15	-0.12	-80	+0.1	0	+0.9	+ 5	0	29. Do. Coast, North	0.17	1.70	-1.53	-90	+0.9	+1.0	+0.5	+ 2	0	
15. Rajputana, West.	1.51	0.89	+ 1.12	+287	-1.1	-3.6	+2.0	+ 8	-0.2											
16. Rajputana, East.	0.68	0.55	+ 0.18	+ 24	-0.7	-0.5	-0.4	+ 1	+0.2											
17. Gujarat	0.02	0.33	-0.31	-94	-1.3	-0.5	+0.1	+ 5	+0.8											

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of bar. eastern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %	
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Departure from normal.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Bay Islands																					
Port Blair	261																				
Assam																					
Dibrugarh	348	998.9	0	992.4	85.1	+ 0.6	93	5 days.	69.9	- 0.8	66	16	75.9	80.9	71.7	74.7	24.5	- 2.0	26.4	82	- 4
Sibsagar	317	996.5	- 0.2	992.5	87.0	+ 1.8	109	23	70.4	- 1.3	65	16	75.5	81.4	72.0	74.1	27.0	- 0.3	25.4	84	- 3
Tezpur	258	998.6	- 0.3	998.8	86.2	- 0.6	94	3, 20	71.3	- 1.0	66	16	77.0	82.3	78.1	75.0	28.0	- 0.7	26.2	82	- 2
Gauhati	182	1000.6	0	996.5	90.0	+ 2.3	96	16	72.3	- 0.3	68	1, 16	77.0	83.4	78.5	75.4	26.6	- 0.8	26.4	84	+ 2
Dhubri	115	1002.6	- 0.1	998.4	84.1	- 1.7	98	3	71.3	- 1.7	68	9, 15, 27	75.7	88.4	73.2	76.3	26.8	- 0.5	27.8	89	+ 4
Silchar	96	1004.1	- 0.1	999.9	87.4	- 1.8	94	4	71.3	- 1.3	62	30	77.2	84.3	73.4	76.3	26.9	- 1.8	27.3	84	+ 1
Srimangal	69	1004.4	- 0.2	1000.7	88.5	- 2.6	96	5	71.0	- 1.2	67	9	77.7	83.7	74.3	77.0	27.4	- 1.8	28.7	85	+ 3
Bengal																					
Cox's Bazar	38	1006.8	+ 0.7	1009.4	90.4	+ 1.6	93	6 days	74.6	- 1.3	65	16	84.6	88.8	77.6	77.6	29.1	- 2.0	29.6	73	- 7
Chittagong	87	1008.8	- 0.2	1000.4	89.4	+ 0.5	93	4 days	75.6	+ 0.1	69	10, 11, 24	82.7	84.1	76.4	76.9	28.1	- 2.0	28.4	74	- 5
Noakhali	22	1005.7	0	1008.0	89.3	+ 0.2	95	4, 6, 7	77.9	+ 0.3	70	10	88.9	85.2	80.7	81.5	34.4	+ 2.9	36.1	87	+ 6
Comilla	29	1005.5	0	1001.7	89.9	- 1.2	96	3, 4, 5	74.4	- 0.5	69	10	81.9	84.5	76.8	77.2	29.2	- 1.5	28.5	79	+ 2
Brahmanbaria	82	1005.5		1001.5	89.9	- 2.1	97	6	78.0	+ 0.6	65	22	80.4	85.6	76.3	77.1	29.1	+ 0.4	27.9	83	+ 7
Navayanganj	26	1005.1	- 0.2	1001.4	91.8	+ 0.7	96	4, 5					82.5	88.0	77.4	79.3	29.8	- 0.9	30.8	79	0
Mymensingh	62	1004.6	0	1000.4	89.1	- 0.2	97	5	72.3	- 1.9	66	1	78.7	85.5	74.9	77.1	26.9	- 1.5	27.8	81	+ 1
Faridpur	27	1004.6	- 0.1	1000.6	90.3	- 1.4	95	5	74.5	- 0.4	68	10	83.1	87.2	76.4	79.3	31.1	- 0.2	31.8	81	+ 1
Barisal	11	1005.5	- 0.1	1002.1	91.2	- 0.5	97	4, 5	77.5	+ 0.0	68	10	85.6	87.3	78.8	78.6	30.5	- 1.5	29.5	73	- 4
Khulna	16	1005.4	+ 0.4	1001.6	92.2	- 0.7	96	7	76.7	- 0.3	69	15	84.4	88.1	79.0	79.5	31.8	- 0.6	30.5	78	0
Jessore	26	1004.8	0	1000.0	93.2	- 0.7	99	7	74.6	- 1.3	68	15	82.8	88.7	79.1	80.5	32.4	+ 0.6	31.9	84	+ 4
Satkhira	16	1004.7	+ 0.1	1000.7	94.2	- 1.2	99	14, 15	77.0	- 0.4	68	15	84.4	90.8	79.5	80.9	32.1	- 0.7	31.7	80	+ 5
Dum Dum (R)	38																				
Calcutta	21	1004.1	- 0.1	1000.0	95.3	- 0.8	100	8	76.3	+ 0.8	72	12, 15	84.3	90.4	79.5	81.6	32.1	+ 0.7	32.7	80	+ 5
Saugor Island	10	1004.6	0	1001.5	89.4	- 1.6	92	11	79.1	- 1.5	69	11	86.4	85.7	80.6	80.5	32.9	- 0.4	33.3	77	- 1
Sandheads	28	1004.8	+ 0.6	1001.2									85.2	85.5	81.5	81.7	35.1	+ 1.1	35.1	84	+ 1
Midnapur	149	999.1	- 0.4	995.2	99.6	- 0.3	111	7, 14	77.6	- 1.1	70	15	83.1	94.6	75.1	78.2	30.6	+ 0.5	25.4	79	+ 7
Burdwan	106	1000.8	- 0.2	996.2	97.8	- 0.8	108	7	77.5	0	71	12	88.8	93.6	78.5	78.8	30.3	- 0.1	26.8	78	+ 1
Krishnagar	48	1003.2	0	999.1	96.5	- 0.2	106	7	76.2	- 0.4	68	15	83.6	90.7	79.1	79.8	31.9	+ 1.3	29.7	81	+ 1
Asansol	414	989.9	0	985.1	102.5	+ 0.8	110	7	77.4	- 0.8	72	19	85.1	96.6	76.6	74.2	27.4	- 0.4	18.6	67	+ 1
Berhampore	62	1002.7	- 0.3	997.9	97.2	+ 0.1	104	8	76.1	- 0.6	67	15	84.0	90.8	77.4	78.7	29.9	+ 0.1	28.0	75	- 1
Bogra	63	1003.6	0	999.4	91.5	- 0.9	99	8	73.4	- 0.9	67	1, 15	80.8	88.0	76.2	79.1	28.8	+ 0.2	29.8	80	+ 1
Malda	103	1001.4	- 0.2	997.1	92.9	- 2.5	99	6, 8	74.6	- 0.7	65	15	81.5	90.3	77.3	80.4	29.7	+ 1.2	30.5	82	+ 1
Dinajpur	123	1002.0	+ 0.6	997.4	90.5	- 1.3	96	3	72.8	- 1.4	66	15	79.6	87.3	74.4	78.0	26.8	- 0.6	28.4	78	- 1
Jalpaiguri	271	997.3	+ 0.2	992.9	86.1	- 3.4	91, 13, 18, 19	72.1	- 0.5	67	15	76.5	84.2	72.3	75.7	25.3	- 1.8	26.5	81	- 1	
Orissa																					
Balasore	65	1002.9	+ 0.6	999.0	95.6	- 1.5	102	27	78.2	- 0.6	71	17	84.7	88.6	79.8	81.8	32.4	+ 1.5	33.9	80	+ 1
Chandballi	20	1004.2	+ 0.4	1000.2	97.6	+ 0.2	108	7, 10	78.6	- 0.6	68	17	85.6	90.3	80.8	80.9	33.1	+ 1.3	31.7	78	+ 1
Puri	20	1004.6	+ 0.3	1001.0	89.5	- 0.1	92	18	82.5	+ 1.4	71	18	85.3	86.8	81.9	82.5	35.6	+ 1.6	36.1	86	+ 1
Gopalpur	56	1002.9	- 0.1	999.2	89.9	- 0.4	94	28	79.9	- 0.2	69	4	85.0	85.0	81.1	81.7	34.3	+ 0.8	35.4	82	- 1
Gutta	87	1002.1	0	997.6	104.6	+ 3.2	112	15	81.0	+ 1.1	70	4	86.1	93.8	80.2	79.1	32.5	+ 1.4	27.3	77	+ 1
Angul	455	989.9	0	984.2	106.7	+ 3.2	112	7, 8, 14	79.5	+ 0.5	77	18, 19	86.9	100.5	78.1	74.1	29.2	+ 0.7	16.7	67	- 1
Sambalpur	486	987.3	- 0.5	982.8	108.5	+ 2.0	112	16	79.5	- 1.7	72	7	87.8	106.2	74.8	75.6	23.5	- 0.5	16.3	53	+ 1
Chota Nagpur	486	987.3	- 0.5	982.8	108.5	+ 2.0	112					7									
Jamshedpur	423	989.8	+ 0.6	985.0	105.0	+ 2.1	111	4 days	78.5	- 0.7	72	29	86.4	98.2	75.7	74.6	35.6	- 0.7	18.5	60	-
Chaibasa	742	978.4	- 0.4	974.3	104.4	+ 0.4	111	7, 8, 26	78.5	- 0.7	74	17, 19, 20	84.9	100.6	77.1	77.1	28.1	+ 2.1	31.1	69	+ 1
Banobi	2,150	992.4	- 0.2	929.0	100.1	+ 1.5	105	8, 9, 26	78.7	- 1.6	71	2, 22	85.9	93.9	70.1	69.7	18.5	- 0.7	14.3	46	-
Hasaribagh	2,006	986.9	+ 0.1	983.6	100.0	+ 0.6	105	4 days	74.1	- 1.4	69	15	84.2	95.8	68.9	67.4	17.3	- 1.1	10.2	47	-
Daltonganj	725	978.5	- 0.5	974.2	105.9	- 0.3	111	27, 28	77.0	- 1.7	69	22	87.2	102.4	70.7	71.0	18.1	- 0.8	11.7	42	-
Dhanbad	839	976.1			102.5		110	4 days	75.1	0.7	67	18	87.4	75.0	23.9		56				
Bihar																					
Purnea	124	1000.7	- 0.3	996.3	91.1	- 0.7	100	14	73.6	- 0.8	67	15	81.2	91.0	74.7	78.1	26.4	- 0.7	26.9	79	-
Darbhanga	161	999.0	- 0.1	994.5																	

Cloud amount (tenths of sky).		Rainfall, inches.					Number of rainy days (0-10 th or more).		Wind velocity miles per hour.		Wind direction—Number of winds from																STATION.			
Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.								18 hrs. I. S. T.											
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
S.1 + 1.3	7.5	12.67	+ 0.58	2.05	25	19	+ 3.4	1.7	+ 0.5	6	6	11	2	0	0	1	1	4	3	7	2	1	2	1	1	1	1	13		
8.2 + 0.8	7.7	13.89	+ 1.83	1.87	24	18	+ 2.4			4	9	7	2	0	1	0	1	6	4	6	1	2	2	3	2	2	9			
7.0 + 0.5	6.2	13.03	+ 2.38	2.46	27	18	+ 2.7	2.7	- 0.1	0	4	20	1	0	0	3	1	2	0	0	12	0	0	0	2	1	16			
7.5 + 1.3	5.4	13.41	+ 4.12	1.85	26	19	+ 5.5	2.5	+ 0.6	1	8	6	8	3	0	2	2	1	6	4	5	4	2	2	5	3	0			
7.4 + 1.2	6.1	20.48	+ 13.69	3.10	23	21	+ 5.5	5.7	0	4	4	6	2	3	2	1	1	8	1	4	6	0	2	4	1	1	12			
6.8 + 0.6	4.9	13.13	- 3.29	2.73	28	16	- 0.4	1.7	- 0.3	2	5	4	12	1	1	1	2	3	1	6	0	3	1	4	2	8	6			
6.1 + 0.9	6.2	16.73	+ 0.94	3.04	24	18	+ 2.7	3.9	+ 0.1	2	8	2	12	2	2	0	2	1	2	5	2	8	7	4	0	0	3			
5.9 + 0.4	5.4	12.88	+ 0.14	2.20	26	10	- 0.5	5.0	+ 0.9	0	0	0	7	17	2	1	1	3	0	0	0	0	3	15	9	3	0	1		
4.9 - 0.6	3.9	7.79	- 2.63	2.36	10	7	- 3.8	6.6	- 0.8	0	1	1	12	13	1	1	1	1	0	0	1	4	6	15	3	1	1			
5.6 + 0.7	5.6	8.85	- 3.10	2.00	10	13	+ 2.5	10.0	+ 5.3	0	0	4	17	9	0	1	0	0	0	0	1	12	14	0	3	0	1			
5.8 + 1.0	6.2	10.83	- 1.56	2.15	26	13	+ 1.2	7.9	+ 2.8	2	0	2	11	9	1	0	0	6	0	0	2	6	16	3	1	0	3			
3.5 4.0	12.11	+ 0.82	2.14	24	16	+ 4.3	2.1			2	1	1	9	12	3	1	0	2	0	0	0	8	15	1	1	2	4			
5.3 - 0.7	4.1	5.90	- 3.74	1.78	10	8	- 3.0	4.8	+ 0.3	0	1	5	7	13	3	2	0	0	0	0	1	3	19	4	1	2	1			
6.1 - 0.4	5.8	12.41	- 0.05	2.35	15	15	+ 2.0	4.3	+ 1.7	0	1	17	9	0	1	0	0	3	0	0	12	13	0	1	0	0	5			
6.1 + 1.0	6.3	7.06	- 2.56	1.98	24	10	- 1.0	7.6	+ 0.2	0	0	1	15	14	0	0	0	0	0	0	0	15	13	0	0	0	3			
5.9 + 0.8	4.5	7.50	- 0.75	2.15	10	9	- 0.6	5.8	+ 2.2	0	0	6	3	15	1	1	1	4	0	0	1	0	20	1	0	0	9			
6.9 + 0.5	6.3	4.20	- 3.55	1.70	15	8	- 1.7	5.7	+ 0.9	0	2	1	11	9	5	0	0	3	0	0	0	6	20	1	1	0	0	3		
3.6 - 1.8	3.4	5.00	- 3.12	1.46	10	7	- 2.1	6.7	+ 3.2	0	2	3	8	16	2	0	0	0	0	0	0	3	9	16	1	0	0	2		
5.0 0	4.0	4.98	- 1.94	1.62	15	7	- 1.2	4.7	+ 0.8	1	1	2	7	14	1	0	0	5	0	0	1	6	23	0	0	0	1			
5.9 + 0.7	4.5	4.13	- 1.36	1.06	12	5	- 1.9	4.6	- 0.4	1	1	2	2	9	11	1	0	4	0	0	1	3	16	11	0	0	0	0		
3.8 - 2.5	4.4	8.39	+ 3.87	3.61	17	9	+ 3.5	18.5	+ 5.0	0	2	1	3	8	16	1	0	0	0	0	0	8	14	9	0	0	0	0		
5.6 + 0.9	4.8	2.36	+ 0.39	0.43	23	8	+ 4.8			0	2	0	2	10	14	1	0	0	0	1	0	6	10	12	0	1	0			
4.0 + 0.4	4.7	5.27	+ 0.53	0.95	30	9	+ 2.1	6.2	+ 1.9	1	2	3	0	17	4	0	0	4	2	2	1	0	22	1	2	0	1			
3.7 - 1.6	4.9	4.51	- 1.45	1.40	12	6	- 1.2			0	1	5	4	7	13	1	0	0	1	2	7	8	7	4	0	1	1			
5.6 + 0.6	4.6	3.37	- 3.34	1.18	24	8	+ 0.1	6.5	+ 0.9	0	1	2	12	13	1	0	0	2	1	1	1	11	14	1	0	1	1			
2.9 - 1.0	4.4	0.62	- 2.31	0.11	22, 24	3	- 1.4	6.1	+ 0.4	1	0	10	10	4	1	3	1	1	3	4	9	5	1	1	2	6	0			
5.5 0	5.1	3.96	- 1.37	2.60	10	4	- 3.3	3.7	- 0.1	0	1	7	5	15	0	0	0	3	0	0	6	2	14	0	0	6	9			
6.0 + 0.6	4.2	6.93	- 1.44	1.45	20	10	+ 0.4	3.6	+ 0.8	0	0	17	9	3	1	0	1	0	0	4	12	12	1	1	1	0	0			
5.5 + 1.2	3.6	1.72	- 2.88	0.62	24	3	- 2.6	5.3	- 0.3	1	3	12	9	4	0	0	0	2	1	1	14	7	2	0	0	2	4			
5.3 - 0.2	4.5	7.99	+ 0.65	3.05	15	9	+ 0.3	4.8	+ 1.4	2	15	8	4	0	0	0	0	2	2	15	6	3	1	1	0	0	3			
6.2 + 1.4	5.0	16.39	+ 4.57	1.82	4	21	+ 7.9	5.8	+ 3.3	0	13	18	0	0	0	0	0	0	0	2	20	4	2	1	0	1	1			
5.6 + 1.2	5.3	2.81	- 1.82	0.66	17	9	+ 3.1	7.4	+ 1.7	2	4	0	0	8	16	1	0	0	3	0	0	12	10	2	0	4	0	0		
5.2 - 0.7	4.0	2.56	- 3.02	0.51	18	7	+ 1.6	9.8	- 0.3	0	1	0	1	20	5	1	1	2	1	0	2	12	15	0	1	0	0	0		
5.3 + 0.5	4.7	1.60	- 1.26	1.16	18	2	- 1.2	17.0	+ 3.7	0	0	0	1	11	16	3	0	0	0	0	0	1	12	15	1	0	0	0		
3.8 + 0.8	5.5	1.52	- 0.61	1.43	19	1	- 2.1	17.8	+ 5.0	2	0	0	0	11	16	1	0	1	0	0	0	6	11	18	1	1	0	0		
5.4 + 0.5	4.9	1.83	- 1.75	0.57	4	3	- 2.2	5.7	+ 1.9	0	1	2	1	9	9	3	0	6	1	1	2	12	12	1	0	1	1			
3.6 - 0.8	5.4	1.84	- 1.01	0.64	18	3	- 1.7	6.2	+ 0.6	0	3	3	5	3	0	0	0	17	1	1	5	5	3	3	7	4	2			
3.4 + 0.4	5.5	0.37	- 0.71	0.22	19	1	- 1.3	4.6	+ 1.3	0	0	0	1	5	0	0	0	25	0	1	0	0	4	1	3	6	16			
2.0 - 1.5	4.9	3.47	+ 0.84	1.77	29	3	- 2.1	5.2	+ 1.0	0	1	6	0	0	4	13	3	4	1	2	10	3	1	1	5	6	2			
6.0 + 2.9	7.6	2.78	+ 0.04	0.74	19	6	+ 0.8	2.5	- 0.1	0	2	0	0	2	13	1	0	13	6	2	1	5	2	1	3	9	2			
0.7 - 2.0	3.7	1.57	- 0.55	0.61	16	2	- 2.1	4.5	- 0.4	0	0	2	1	6	9	0	3	10	4	0	1	0	4	2	3	11	6			
5.1 + 2.1	5.6	1.72	- 0.24	0.70	21	3	- 0.4	5.9	- 1.2	0	0	1	4	4	10	1	1	7	5	1	3	3	2	0	2	15	0			
2.7 + 1.0	2.5	0.84	+ 0.27	0.40	19	3	+ 1.7	4.0	- 0.4	2	3	5	3	3	1	3	1	10	6	2	1	0	0	0	6	15	1			
		1.14		1.00	18	2		5.8		0	2	1	11	6	9	1	1	0												
3.3 - 0.9	2.7	2.40	- 1.78	0.95	27	5	- 0.5	5.1	+ 1.7	0	2	25	4	0	0	0	0	1	7	17	2	0	0	0						

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of barometer sea level in feet.	Pressure reduced to 32° F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %	
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Departure from normal.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
U. P., East																					
Gonda	360	991.9		987.2	103.0	+ 0.3	110	14	76.2	- 1.6	69	19	83.6	101.7	71.8	73.1	21.2	+ 0.7	14.8	56	+ 6
Gorakhpur	251	994.9	- 0.5	990.5	100.2	- 0.9	107	14	76.7	- 0.2	70	29	84.0	99.5	74.9	77.5	25.5	+ 1.2	22.1	64	+ 3
Benares	250	994.3	- 0.5	990.5	105.9	+ 0.5	111	26, 27, 28	79.2	- 0	70	1	86.9	104.4	74.1	76.3	22.9	+ 1.3	18.4	53	+ 5
Allahabad (Bamrauli)	322	991.9	- 0.7	988.1	107.2	+ 0.1	113	26	79.8	- 0.1	72	12	88.7	105.4	69.9	71.7	16.3	- 2.0	11.2	37	- 2
Fatehpur	375	989.8		986.1	108.0	+ 0.8	113	26	79.7	- 0.8	73	1	88.2	105.8	68.9	71.5	15.3	- 5.5	10.7	35	- 12
Cawnpore	413	988.7	- 0.3	985.0	106.8	+ 0.6	112	25	79.5	- 0.9	73	1	88.8	104.7	70.2	73.6	16.9	- 0.9	14.1	37	- 3
Lucknow	371	989.9	- 0.8	986.4	107.1	+ 1.7	112	26, 28	78.0	- 0.3	69	1	88.5	103.6	71.2	71.6	18.1	- 2.0	11.8	41	- 5
Bahraich	407	989.1	- 0.5	985.0	103.0	+ 0.7	109	8, 14	74.3	- 2.9	68	12, 19	83.3	102.1							
U. P., West																					
Jhansi	824	975.8	- 0.2	972.1	108.0	- 0.5	118	26, 27	83.1	- 0.3	77	1	91.0	106.2	66.8	69.4	11.5	- 4.2	7.8	23	- 10
Agra	553	984.6	+ 0.2	991.0	107.1	+ 0.9	112	16	80.0	+ 1.8	73	21, 25	89.5	104.9	71.8	76.9	18.7	+ 4.8	18.8	39	+ 9
Mainpuri	516	985.2	- 0.2	981.6	107.9	+ 0.5	113	26, 27	78.4	+ 0.2	72	1	87.7	103.7	71.8	78.1	19.6	+ 2.0	21.3	44	+ 4
Aligarh	615	982.0		979.0	106.3	+ 1.0	112	16	78.5	- 0.9	73	3, 25	86.9	103.8	68.8	73.4	15.9	+ 1.2	14.2	37	+ 3
Bareilly	568	983.1	- 0.8	979.4	105.6	+ 2.5	111	26	78.0	+ 0.9	71	1	86.5	103.6	67.6	70.8	14.5	- 6.0	10.8	35	- 14
Roorkee	899	972.0	- 0.9	968.7	103.6	+ 1.4	110	27	72.7	- 1.3	65	5	82.4	100.3	65.0	67.2	13.2	- 2.8	7.8	36	- 6
Dehra Dun	2,289	928.9	- 0.2	926.0	97.8	+ 1.8	103	26, 27	69.7	- 0.4	64	11	82.0	95.5	63.4	65.2	11.5	- 3.5	8.0	34	- 13
Punjab, E. and N.																					
New Delhi	714	978.3	- 0.6	975.2	106.3	+ 1.5	112	16, 26, 29	78.4	- 0.4	66	24	86.4	101.3	65.9	69.6	13.0	- 3.5	9.3	31	- 8
Hissar	725	978.4	0	975.4	106.7	+ 1.4	113	26	74.9	- 1.1	67	21	89.0	102.5	70.1	78.0	19.7	+ 2.9	21.3	54	+ 15
Ambala	892	972.2	- 0.5	970.2	106.7	+ 2.8	118	26, 27	76.9	+ 1.1	70	11	83.7	103.8	65.0	71.0	12.5	- 2.8	10.8	32	- 2
Ludhiana	812	975.3	0	972.5	106.6	+ 2.5	112	16, 26	68.5	- 12.2	59	4	84.5	103.8	65.1	70.1	12.3	- 3.0	9.9	31	- 10
Lahore	702	978.7	+ 0.1	976.1	103.7	0	110	16, 17	72.4	+ 0.2	66	4	80.6	102.0	69.0	74.3	19.0	+ 3.5	16.4	54	+ 15
Sialkot	890	974.9	+ 0.4	972.0	103.6	+ 1.4	110	16	75.7	+ 1.4	66	18	83.7	100.9	66.1	71.4	13.9	- 1.4	12.8	37	- 4
Rawalpindi	1,674	947.5	+ 0.1	945.1	97.7	0	104	15, 16, 26	68.4	- 0.3	63	20, 23	77.9	95.7	63.7	69.9	14.1	- 0.1	13.7	46	+ 10
Punjab, Southwest																					
Khushab	616	981.4	- 0.6	979.4	102.9	- 0.8	109	16	74.4	- 1.9	63	4	83.4	101.5	65.4	69.7	13.2	- 1.5	9.1	36	- 1
Lyallpur	605	981.7	- 0.2	979.2	102.7	+ 0.3	109	26	73.9	0	67	2	83.1	100.3	66.6	70.0	14.8	+ 0.4	11.2	39	0
Montgomery	558	982.7	- 0.6	980.5	104.9	- 0.5	111	16	75.5	- 1.4	68	6	81.7	102.5	67.2	71.1	16.2	- 4.9	11.6	48	- 5
Leiah (J)	490	986.3		982.8	105.7		112	15	74.6		67	7, 8	88.0	104.0	69.0	76.2	17.8		18.1	46	
Multan	413	989.1	+ 0.8	986.8	106.7	+ 1.9	114	27	78.0	+ 0.6	71	7, 9	81.9	105.5	72.0	88.3	22.3	+ 2.2	28.8	59	+ 9
Fort Abbas	475	985.9		983.1	108.7		114	26	77.7		69	7	84.6	106.5	70.1	77.9	18.6		19.5	46	
Bahawalpur	384	969.1	+ 0.2	986.7	106.0	- 0.2	111	16, 26	75.3	- 0.6	66	9, 7	79.6	105.2	66.4	73.0	16.8	- 4.2	13.1	47	- 2
Khanpur	297	992.3	+ 0.1	989.8	108.6	0	114	26, 29	75.7	- 0.6	66	7	82.3	107.7	72.7	85.4	23.1	+ 4.9	31.3	61	+ 15
Kashmir																					
Srinagar	5,205	840.7	+ 0.4	838.4	75.3	- 1.7	84	15	50.0	- 0.4	44	3	57.2	71.0	53.5	59.2	12.5	- 1.3	12.3	79	- 2
Gulmarg	8,709																				
Dras	10,059	704.3	- 0.1	709.1	55.5	- 2.5	66	16	34.1	- 0.2	23	1	39.4	52.1	35.2	42.6	5.8	- 1.0	6.4	73	+ 1
Leh	11,529	668.2	+ 0.8	665.1	60.4	- 3.3	65	18, 25, 26	35.6	- 1.5	30	12	42.8	56.3	34.5	39.8	4.2	- 0.2	3.4	47	+ 6
Skardu	7,505	771.4		768.1	72.5	- 0.1	79	28	50.2	+ 0.8	45	7, 8, 11	54.0	69.7	47.4	52.8	8.2	- 0.7	6.0	62	+ 4
Gilgit	4,890	850.5		847.8	77.4	- 4.9	88	13	56.8	- 2.6	49	8	60.9	75.6	53.2	57.6	10.2	- 1.7	9.4	60	+ 2
Misgar	10,190	700.6		695.8	59.9		67	16	42.4		33	7	44.4	55.5	37.6	40.0	5.6		4.4	56	
N.-W. F. Province																					
Peshawar	1,164	965.1	+ 0.2	962.2	96.5	- 0.5	102	26, 27, 28, 29	70.0	- 0.4	64	10	79.1	94.5	64.3	67.3	13.8	- 0.3	10.6	42	+ 3
Bannu	1,266	960.4		957.9	98.0	- 1.8	103	29	73.1	+ 1.6	66	19	80.0	96.0	64.0	66.9	13.1	- 1.3	9.4	39	- 3
Miranshaw	3,026	905.2		903.3	91.9	- 1.0	97	14, 29	65.2	- 4.2	51	6	72.3	88.6	59.6	67.2	12.0	- 0.9	13.4	46	+ 5
Dera Ismail Khan	570	933.7	+ 0.3	980.1	104.0	+ 0.4	109	29	73.8	- 0.9	69	7, 9	82.0	102.5	67.5	72.9	16.4	- 2.8	14.1	45	- 5
Baluchistan																					
Fort Sandeman	4,614	857.0	+ 0.8	855.1	90.3	- 0.2	96	14	64.8	+ 0.9	58	1, 6	70.4	87.0	55.1	60.7	8.6	- 0.5	7.5	35	- 20
Loralai	4,699	853.0		850.7	89.0		94	25	59.1		52	3	65.8	86.0	50.2	57.2	6.8		4.5	29	
Sibi	441	987.6	+ 0.5	983.8	109.1	- 0.1	115	25	81.2	- 0.1	71	1, 9	86.4	107.5	70.0	77.0	17.6	+ 5.0	17.5	42	+ 11
Quetta	5,490	830.3	- 1.0	828.2	88.7		90	14, 15	51.8	- 0.4	51	6	68.0	81.6	55.7	58.9	10.6	- 1.9	4.3	46	- 8
Chaman	4,811	866.0	- 0.2	864.0	89.1	- 1.3	95	13, 14, 31	64.7	- 0.4	51	6	73.5	87.5	59.1	65.5	11.2	+ 1.7	12.6	40	+ 6
Kalat	6,616	799.6	+ 0.9	797.7	79.5	- 3.5	85	14	48.7</td												

Cloud amount units of sky).		Rainfall, inches.				Number of rainy days (0-10 or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.		
Departure from normal.	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.								18 hrs. I. S. T.								STATION.		
										N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
0 + 0.1	0.8	2.29	+ 1.26	1.24	21	3 + 1.1	4.6	- 0.5	0 0	30	0 0	0 0	1 0	0 0	2 1	5 2	1 1	1 1	18 6	0 0	U. P., East							
5 - 0.2	1.0	1.24	- 0.14	0.65	19	3 + 0.5	4.5	+ 1.6	0 8	20	2 0	0 0	1 0	0 0	1 7	4 2	1 0	0 15	1 0	0 0	Gonda							
7 - 0.1	1.0	0.99	+ 0.46	0.99	19	1 - 0.1	6.4	+ 2.5	2 8	6 1	1 1	5 5	2 1	0 0	0 1	0 1	0 1	1 5	17 1	0 0	Gorakhpur							
1 - 0.4	1.5	0.08	- 0.55	0.05	19	0 - 1.2	4.8	- 2.4	3 5	4 2	0 0	5 7	3 2	6 3	0 1	0 1	0 1	1 5	15 0	0 0	Benares							
7 + 0.1	1.6	0	- 0.14	0	0	0 - 0.6	3.4	- 0.6	0 2	5 4	0 0	1 6	1 12	1 1	0 0	0 1	0 1	0 3	17 8	0 0	Allahabad (Bawali)							
9 0	1.5	0	- 0.32	0	0	0 - 1.0	7.5	- 0.4	2 1	6 2	2 6	7 4	1 1	3 2	1 0	0 0	4 12	8 1	0 0	Fatehpur								
6 - 0.9	0.5	0.06	- 0.71	0.04	19	0 - 1.3			0 1	15 0	0 0	0 10	1 4	1 0	3 0	0 0	1 20	3 8	0 0	Cawnpore								
8 + 0.3	1.0	1.20	- 0.01	1.08	19	1 - 1.1	5.5	+ 2.0	1 1	18 18	0 0	0 1	2 0	0 1	0 2	3 1	2 9	8 5	0 0	Lucknow								
5 0	4.8	0	- 0.37	0	0	0 - 1.0	5.4	+ 1.1	1 1	2 2	0 0	14 8	3 0	0 0	0 0	0 0	1 28	2 0	0 0	Bahraich								
0 - 0.4	3.8	1.11	+ 0.73	0.87	21	2 + 0.9	3.2	- 1.3	3 0	0 2	4 4	6 8	4 0	2 0	1 5	4 5	14 0	0 0	0 0	Agra								
2 - 0.0	2.5	0	- 0.51	0	0	0 - 1.2	3.8	+ 0.6	1 0	3 3	2 4	10 5	3 2	1 2	1 1	0 3	12 9	1 1	0 0	Mainpuri								
5 + 0.6	2.2	0.17	- 0.24	0.06	18, 23	0 - 1.2	5.2	0	4 0	2 2	1 1	12 4	5 4	1 1	0 1	2 10	6 6	0 0	Aligarh									
9 + 0.1	2.9	0.20	- 0.46	0.20	19	1 - 0.5	4.7	+ 1.8	3 1	8 3	1 1	5 4	5 2	0 1	3 1	3 12	9 0	0 0	Bareilly									
4 + 0.8	2.5	0.19	- 0.57	0.19	18	1 - 0.7	4.5	+ 1.8	1 2	0 9	1 1	10 6	0 0	0 0	5 0	0 1	0 22	3 3	0 0	Roorkee								
9 - 0.6	3.2	0.42	- 1.03	0.28	18	2 - 1.0	2.8	+ 0.5	2 0	2 1	3 3	7 3	10 5	0 0	1 4	8 9	4 0	0 0	Dehra Dun									
7 + 1.0	4.0	0.40	- 0.12	0.14	18	3 + 1.4			1 2	1 1	1 1	5 13	6 1	3 3	4 0	1 2	7 11	0 0	Punjab, E. and N. New Delhi									
6 - 0.7	2.5	0.46	- 0.08	0.36	18	1 - 0.4	5.2	+ 0.2	2 1	2 2	2 9	6 3	4 3	2 1	1 1	7 10	6 0	0 0	Hissar									
7 + 0.1	2.5	0.14	- 0.59	0.14	29	1 - 0.5	4.4	+ 0.7	0 1	0 8	0 2	0 15	5 0	0 0	3 0	0 3	9 0	25 0	0 0	Ambala								
1 + 0.6	2.4	0.13	- 0.40	0.13	23	1 - 0.5	2.2	0	2 8	0 4	0 6	2 4	5 0	7 0	2 0	3 2	10 10	0 0	Ludhiana									
0 + 1.1	3.0	0.50	- 0.09	0.23	20	2 + 0.7	2.0	- 0.3	6 3	2 1	1 2	2 4	10 3	1 1	0 1	4 4	8 9	9 0	0 0	Lahore								
9 + 0.4	3.2	0.60	- 0.39	0.37	18	2 0	3.1	+ 0.8	1 11	1 2	1 1	0 13	1 1	0 5	0 1	0 5	2 11	7 7	0 0	Sialkot								
9 + 0.8	4.3	0.76	- 0.49	0.45	20	2 - 0.5	3.7	+ 1.1	3 4	1 1	1 1	4 4	2 11	1 1	2 0	2 1	6 9	9 1	0 0	Rawalpindi								
0 + 0.4	3.0	0.32	- 0.44	0.18	18	2 + 0.4	5.5	0	4 15	3 3	1 1	1 3	0 0	2 4	4 8	7 4	0 0	1 1	Khushab									
6 - 0.8	2.8	0.12	- 0.31	0.09	20	0 - 1.2	2.9	+ 0.1	3 3	2 4	3 4	1 5	6 2	5 1	1 1	4 5	3 5	5 5	0 0	Lyallpur								
9 + 0.8	2.6	0	- 0.36	0	0	0 - 1.1	1.5	- 2.8	0 1	1 9	1 0	0 0	2 17	0 2	1 5	2 2	3 6	10 10	0 0	Montgomery								
7 3.3	0.09	0.09	0.09	1	0	0	5.4		7 4	0 1	0 2	2 13	0 1	4 1	1 6	5 5	4 3	0 0	Leiah (j)									
-1 + 1.1	0.9	0.19	- 0.14	0.13	1	1 - 0.3	3.8	+ 1.7	14 0	0 1	8 1	3 2	2 2	3 0	4 2	11 1	1 4	4 4	Multan									
-7 3.3	0	0	0	0	0	0	7.3		5 3	5 4	5 8	1 0	0 0	2 2	1 0	2 7	10 6	1 1	Fort Abbas									
-9 - 0.5	1.0	0	- 0.18	0	0	0 - 0.5	3.7	+ 0.1	2 3	4 3	2 4	2 1	10 10	3 3	0 3	1 7	3 5	6 6	0 0	Bahawalpur								
-2 - 0.5	1.0	0	- 0.17	0	0	0 - 0.4	3.9	- 1.7	0 10	0 0	0 14	0 8	4 0	5 0	0 0	0 18	0 7	1 1	Khanpur									
-4 + 0.8	7.6	2.04	- 0.34	0.97	18	5 - 0.4	3.1	- 0.3	0 0	1 14	5 3	2 4	2 1	1 2	1 5	1 1	2 5	12 2	2 2	Kashmir								
-7 0	5.4	1.18	- 1.24	0.26	17	6 + 0.6	1.8	- 1.7	0 0	0 0	0 0	0 0	0 0	31 3	0 0	1 0	3 0	13 11	0 0	Gulmarg								
-0 + 0.6	8.0	0.03	- 0.19	0.01	12, 20, 23	0 - 0.7	3.9	+ 1.1	0 3	3 1	6 8	4 0	6 0	1 1	3 6	7 12	0 0	1 1	Dras									
-1 - 0.2	4.8	0.41	- 0.35	0.32	7	1 - 1.0	5.3	+ 0.2	0 0	0 0	0 0	0 1	0 30	0 0	0 5	9 3	3 11	0 0	Leh									
-4 + 2.1	7.1	1.86	+ 1.06	0.57	19	6 + 3.5	1.4	+ 0.4	1 3	0 1	0 1	4 0	21 1	1 2	2 0	2 1	1 1	21 21	0 0	Gilgit								
-0 6.8	0.68	0.30	0.30	18	3	3.0			0 1	1 0	0 0	3 1	25 0	3 7	2 2	4 7	3 3	0 0	Misgar									
-6 + 0.5	5.4	0.25	- 0.52	0.10	20	1 - 1.0	3.5	+ 0.9	2 2	3 2	3 4	0 0	15 15	1 2	8 2	1 7	1 1	1 1	0 0	N.-W. F. Province								
-1.1 + 0.8	5.2	0.53	- 0.08	0.42	19	1 - 0.5	4.4		2 1	1 0	0 0	16 4	7 1	4 10	5 6	0 1	1 1	3 3	0 0	Peshawar								
-1.7 - 0.6	2.9	0.57	- 0.57	0.25	21	3 + 0.6	6.1	+ 0.5	0 1	0 0	0 0	1 0	29 1	0 14	7 2	0 1	1 3	3 3	0 0	Miranshaw								
-0.3 0	3.3	0	- 0.39	0	0	0 - 1.0	3.3	+ 1.2	3 9	1 1	1 1	1 0	3 12	2 9	4 6	2 3	2 2	0 0	Dera Ismail Khan									
-1.1 - 0.4	4.1	0.13	- 0.78	0.13	1	1 - 1.1	4.6	+ 1.4	0 1	2 0	1 0	7 0	20 20	1 0	6 4	2 4	9 5	0 0	Baluchistan									
-0.8 4.7	0.17	- 0.43	0.07	20	0 - 1.3	6.3			0 0	0 0	0 0	4 26	2 1	1 0	5 5	12 5	2 2	Fort Sandeman										
-1.3 + 0.1	3.1	0.21	+ 0.07	0.21	1	1 + 0.5	5.9	+ 1.2	3 0	0 2	1 1	5 8	11 11	1 1	4 8	5 5	12 6	0 0	Loralai									
-1.7 + 0.5	4.0	0.08	0.05	1	0	4.6	+ 1.9	2 1	1 2	0 1	0 1	23 23	2 0	1 2	4 3	11 4	4 4	Quetta										
-1.5 + 1.2	3.7	0.05	- 0.05	0.03	17	0 - 0.4	6.9	+ 1.2	0 2	3 13	6 3	0 0	4 4	2 0	0 1	3 6	13 0	0 0	Chaman									
-0.7 - 0.3	2.7	0	- 0.20	0	0	0 - 0.7	5.2	- 0.3	1 0	0 1	1 16	0 0	0 0	13 5	0 0	3 3	1 5	12 2	0 0	Kalat								
-1.2 + 0.1	3.0	0.04	- 0.03	0.02	17, 19	0 - 0.2	6.0	+ 1.0	4 4	4 0	2 1	3 1	12 12	1 5	3 1	3 7	6 5	0 0	Dalbandin									
-0.1 - 1.2	0	0	- 0.02	0	0	0 0	8.5	- 0.7	7 3	3 3	1 1	2 0	6 2	1 1	1 2	4 1	1 1	12 0	0 0	Nokkundi								
-3.0 + 1.3	3.1	1.51	+ 1.09	0.97	20	2 + 1.1	3.8	- 0.1	1 0	1 1	1 2	0 0	3 23	0 1	0 5	21 21	2 1	1 1	0 0	Las Bela								
-0.9 - 1.2	0.5	0	- 0.01	0	0	0 0	9.2	+ 1.1	1 1	2 1	2 6	11 6	1 0	0 0	0 6	16 9	0 0	Ormara (R)										
-0.5 - 0.2	1.6	0.11	0	0.11	18	1 + 0.7	5.8	+ 0.6																				

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M)

STATION.	Height of bar. above sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.			Maximum temperature, °F.					Minimum temperature, °F.					Dry bulb temperature, °F.			Wet bulb temperature, °F.			Vapour pressure, millibars.			Relative humidity %		
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22					
Sind																										
Jacobabad*	166/183	995.8	- 0.2	992.9	110.2	- 1.4	116	25, 26	79.1	+ 0.1	66	8	83.9	108.6	68.2	74.8	16.5	- 4.7	13.9	43	- 6					
Sukkur	221	994.6	- 0.2	991.8	106.9	- 0.5	113	26	78.8	- 0.8	71	9	81.6	105.2	71.9	79.0	22.4	+ 1.8	21.9	62	+ 6					
Pad Idan	150	997.2		994.2	110.0		117	25	76.1		65	8	82.7	108.8	70.3	71.6	19.6		9.5	51						
Umarkot	55	1001.4		997.7	108.4		115	25	76.6		70	4	81.3	107.1	77.8	81.5	30.9		25.0	83						
Hyderabad	96	999.8	- 0.6	997.5	108.7	+ 1.7	116	25	78.5	+ 0.3	71	3	82.4	105.2	76.8	77.9	29.0	+ 5.4	20.0	77	+ 15					
Karachi (Clifton)																										
Karachi (Manora)	18	1004.1	- 0.7	1002.4	88.1	- 0.5	97	7	80.0	+ 1.0	76	3	81.3	86.0	78.6	81.3	32.2	+ 1.1	34.4	88	0					
Badin	31	1003.4	+ 0.4	1000.2	105.0	+ 1.1	114	24	77.6	- 0.7	69	3	81.2	102.1	77.1	77.0	30.0	+ 1.4	20.3	82	+ 8					
Rajputana, West																										
Sri Ganganagar	580	982.6		979.9	106.6	- 1.1	113	26	68.7	- 6.3	53	4	85.9	103.8	68.4	74.3	15.7	+ 1.6	16.3	88	+ 4					
Bikaner	734	977.5	- 0.7	974.8	106.4		111	26	80.1		74	24, 30	85.7	103.7	68.3	72.1	15.7		12.5	41						
Phalodi	783	977.2		974.2	105.7		111	26	79.6		71	30	83.5	103.7	72.4	76.2	22.1		18.3	57						
Jodhpur	786	979.1	+ 1.0	976.0	104.0	- 1.4	109	25	78.1	- 1.3	69	31	82.7	102.5	71.7	72.8	21.5	+ 4.2	15.9	55	+ 10					
Barmer	688	984.4	+ 0.3	979.0	105.5	- 0.9	112	19	76.7	- 3.3	67	80	81.0	104.5	74.8	74.4	26.1	+ 0.3	15.2	74	+ 10					
Rajputana, East																										
Jaipur	1,431	956.2	- 0.3	953.0	104.0	- 1.6	110	26	77.1	+ 0.2	71	21	84.5	100.3	67.0	68.9	14.7	- 0.3	9.9	37	0					
Ajmer	1,593	950.8	- 0.6	947.6	102.0	- 0.9	106	25, 26, 27	80.1	- 0.1	69	30	85.9	99.6	70.9	70.6	18.4	+ 0.4	12.4	46	+ 4					
Kotah	843	975.8	0	972.2	107.8	+ 0.2	113	26	83.3	- 1.2	74	20	89.8	103.8	69.4	70.5	15.2	+ 0.8	10.3	83	+ 1					
Brijnagar	1,053	969.7	+ 0.1	964.8	106.3	- 0.7	111	26	79.6	- 0.8	74	2	86.2	103.2	70.8	73.8	18.6	- 1.9	15.0	44	- 2					
Rajseemand																										
Gujarat																										
Deesa (R)	466																									
Bhuj	843	994.4	+ 0.1	991.9	99.3	- 1.6	103	3, 19	76.7	- 0.1	72	4	80.4	96.0	75.4	74.5	27.5	- 1.0	19.0	79	+ 12					
Dwarka	37	1005.7	- 0.1	1004.1	87.0	- 1.0	89	5 days	80.0	- 0.6	78	8 days	81.2	85.3	77.6	79.5	30.3	- 0.7	31.7	84	- 2					
Jamnagar	60	1005.0	+ 0.4		96.1	- 1.4	105	25	77.7	+ 1.0	73	4 days	82.5		77.8		29.9	+ 1.1	80	+ 6						
Rajkot	492	994.1	0.0	988.7	104.6	- 0.3	109	19	75.9	+ 0.7	71	1	79.4	101.4	74.6	72.4	26.7	+ 0.3	13.6	79	+ 7					
Veraval	26	1006.7	- 0.4	1004.7	87.7		89	8 days	77.9		73	4, 13	80.5	84.8	77.6	80.4	30.6		33.0	87	+ 2					
Surat	99	1008.2	- 0.2	1003.1	96.1	- 1.2	106	3	77.2	- 1.7	69	5	84.1	92.4	77.6	79.8	29.0	+ 1.0	28.6	73	+ 4					
Bhavnagar	55	1005.5	0.0	1001.2	103.0	- 0.2	109	5 days	76.8	- 1.3	70	4	81.0	100.2	73.7	76.9	24.7	- 0.4	20.5	70	+ 6					
Ahmedabad	168	1001.7	+ 0.2	996.8	102.8	- 4.0	106	27	78.1	- 1.1	73	31	81.3	101.6	74.2	74.8	25.4	+ 0.2	16.8	70	+ 6					
Dohad	1,033	969.8		966.2	101.8	- 1.2	106	15	78.0	- 0.7	75	9, 11	81.3	99.9	72.6	76.0	23.2	- 0.7	19.1	67	+ 4					
Baroda	115	1003.5		999.3	103.5	- 1.1	108	4, 15	77.4	- 0.3	69	4	83.2	101.7	76.2	76.6	26.3	+ 0.8	19.5	71	+ 4					
Central India, West																										
Neemuch	1,626	951.2	+ 0.2	947.5	102.0	- 1.4	107	27	76.5	- 0.9	71	14, 21	81.8	100.8	67.9	68.6	17.1	- 3.3	10.1	49	- 1					
Indore	1,823	945.1	0	941.5	102.0	- 0.9	105	16, 26	76.6	+ 0.3	71	11	81.6	101.0	67.4	67.7	16.7	- 2.8	6.7	48	- 1					
Bhopal	1,643	960.5	+ 0.5	946.6	104.3	- 0.1	103	27	79.1	+ 0.1	74	5, 9	85.4	102.3	67.0	69.7	14.5	- 0.1	10.7	37	+ 3					
Guna	1,571	952.2	+ 0.7	948.6	103.2	- 0.1	111	27	78.3	+ 0.6	72	2	87.2	103.6	65.8	67.8	12.4	- 2.2	7.7	30	- 2					
Gwalior	681	960.0		976.4	105.0		113	26, 27	81.3		71	23	91.7	104.8	70.4	74.2	15.6		14.9	32						
Madhosagar	757	977.8		974.2	107.3		113	27	83.4		78	21	91.8	103.6	69.0	72.1	13.8		12.5	28						
Central India, East																										
Nowrangpur	750	978.2	- 0.1	974.3	107.8	+ 0.3	113	27	78.0	- 1.4	72	1, 19	69.7	106.5	72.9	77.0	19.9	+ 3.3	19.5	42	+ 6					
Butna	1,011	968.9	+ 0.6	966.1	105.8	+ 1.0	112	26	79.0	- 0.8	71	1, 19	90.4	103.0	67.7	70.4	12.9	- 2.4	10.6	27	- 6					
Umaria	1,506	953.2		949.6	105.8	+ 0.3	110	26	78.4	- 0.6	71	1, 2, 19	90.0	102.4	66.6	68.9	12.1	- 2.3	9.7	27	- 2					
Berar																										
Akola	925	974.1	- 0.3	970.3	109.0	+ 0.8	111	7 days	82.2	+ 0.9	77	3	86.3	106.5	73.0	77.0	21.6	+ 4.3	18.2	51	+ 12					
Amravati	1,213	964.5	0	959.9	108.4	+ 0.8	111	4 days	81.9	+ 1.2	76	9	88.4	105.6	70.5	75.3	17.3	0	16.0	38	0					
C. P., West																										
Khandwa	1,044	970.6	0	966.0	107.1	+ 0.2	111	16	81.9	+ 0.8	77	6, 7	85.1	105.0	68.7	69.9	16.5	- 1.6	9.1	41	-					

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity miles per hour.		Wind direction—Number of winds from												STATION.									
Mean G. M. T. hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.						18 hrs. I. S. T.															
24	25	26	27	28	29	30	31	32	33	34	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm				
1.7	+1.1	1.6	0	-0.14	0		0	-0.4	5.5	+2.0	5	4	5	5	7	0	1	0	4	2	0	1	6	8	5	3	5	1	53			
1.5	+1.0	0.6	0.15	+0.01	0.12	30	1	+0.8	3.6	-0.3	2	5	1	13	1	2	2	0	5	2	1	0	5	10	5	4	2	2	Sind Jacobabad			
0.6	1.7	0	0	0	0		0		6.9		2	0	2	10	6	0	4	0	7	4	2	1	6	4	4	4	2	4	Sukkur			
0.7	0.3	0.90	0.90	0.90	0.90	31	1		8.4		0	0	0	0	11	17	3	0	0	1	0	0	0	5	15	9	0	1	Pad Idan			
0	-0.6	0.9	0	-0.19	0		0	-0.4	6.3	-2.5	1	0	0	0	4	18	8	0	0	0	0	1	1	4	16	8	1	0	0	Umarkot		
2.1	-1.1	0.4	0	-0.06	0		0	-0.1	10.9	-1.3	1	0	0	0	0	14	14	2	0	0	0	0	0	2	18	11	0	0	0	Hyderabad		
1.3	-0.2	0.3	0	-0.22	0		0	-0.2	10.0		0	0	0	0	1	21	9	0	0	0	0	0	0	3	20	8	0	0	0	Karachi (Clifton)		
1.3	+0.8	1.3	0.36	+0.18	0.31	31	1	+0.2	4.6	-2.1	6	5	5	0	6	3	2	3	1	3	3	2	1	1	3	7	9	2	2	Rajputana, West Sri Ganganagar		
0.5	-0.6	1.7	2.20	+1.61	1.28	21	3	+1.7	5.5	-0.8	0	7	0	4	0	16	0	1	3	0	3	0	4	0	13	1	9	2	2	Bikaner		
1.8	2.5	1.41	+1.06	0.59	20	3	+2.2	8.8		1	0	1	2	10	10	5	0	2	2	1	0	1	5	9	7	4	2	2	Phalodi			
0.4	-0.8	1.2	0.93	+0.52	0.83	3	1	-0.1	8.2	-2.5	0	0	0	0	2	20	7	1	1	0	0	0	0	1	13	13	9	1	1	Jodhpur		
0.7	-0.2	0.6	2.63	+2.28	1.44	29	2	+1.3	6.7	-0.2	0	1	0	2	7	11	5	1	4	1	1	0	1	10	14	5	0	1	1	Barmer		
1.4	+0.1	3.0	0.45	-0.12	0.18	21	2	+0.4	5.3	-0.1	5	0	0	1	2	4	8	9	2	2	0	0	1	3	9	7	7	2	2	Rajputana, East Jaipur		
1.5	+0.3	1.7	1.70	+1.06	1.40	30	3	+1.5	9.4	+2.9	0	0	0	0	14	14	0	0	3	0	0	0	0	0	16	13	0	2	2	Ajmer		
1.7	+0.6	3.1	1.00	+0.53	0.45	20	4	+3.0	4.7	+0.6	1	0	0	0	5	19	2	4	0	0	0	1	1	0	2	34	2	1	1	1	Kotah	
0.8	-0.2	2.7	0.24	-0.11	0.22	20	1	+0.1	6.1	+0.9	0	1	0	1	0	7	19	1	2	1	1	0	1	2	22	1	2	2	2	Brijnagar		
1.1	2.3	0.10	0.07			30	0		8.0		0	0	0	2	3	14	7	1	4	2	0	0	0	1	6	14	7	1	1	Rajsamand		
																												Gujarat Deesa (R)				
1.2	-0.1	0.5	0	-0.26	0		0	-0.3	10.5	-0.4					3	20	8						1	15	14	1			Bhuj			
4.1	+1.2	3.1	0	-0.02	0		0	-0.1	12.0	+0.6					1	18	11	1					1	16	13	1			Dwarka			
5.0	+3.0	0	-0.30	0			0	-0.8	6.8	-8.0					15	15		1					1	9	14	7			Jamnagar			
3.3	+0.6	1.1	0	-0.50	0		0	-0.6	14.8	+3.5					9	13	11	4					1	10	14	7			Rajkot			
3.6	+0.6	2.2	0	-0.28	0		0	-0.3	18.0		8				2	11	5	10					3	23	4	1			Veraval			
3.6	-0.1	2.6	0	-0.24	0		0	-0.3	7.3	+0.7	3				2	7	12	2	3				3	23	4	1			Surat			
2.8	0.0	1.3	0	-0.41	0		0	-0.7	7.5	+0.3					14	15	2		2			4	10	10	1	2		Bhavnagar				
2.7	+0.7	1.5	0.16	-0.23	0.16	80	1	+0.3	5.3	+0.4	2				1	6	9	6	6	1		4	6	9	8	3		Ahmedabad				
3.3	+1.6	0.5	0	-0.66	0		0	-0.5	16.8	+8.3					13	18						10	20	1				Dohad				
2.5	+0.7	0.5	0	-0.20	0		0	-0.5	5.6	-0.2	1				2	19	3	3	3			3	16	10	2				Baroda			
																												Central India, West Neemuch				
1.2	+0.2	2.2	0.90	+0.31	0.90	19	1	-0.2	8.9	+0.6	2	1	0	0	2	9	16	1	0	1	0	0	0	1	7	19	2	1	1	Neemuch		
0.7	-0.6	2.4	0	-0.51	0		0	-1.3	5.7	+0.1	1	0	0	0	0	3	19	8	0	1	0	0	0	0	1	21	8	0	0	0	Indore	
0.6	-0.5	4.0	0.26	-0.32	0.17	25	1	-0.2	6.6	+1.1	0	0	0	0	0	7	18	5	1	1	0	0	0	0	3	17	9	1	1	1	Bhopal	
1.4	+0.4	5.3	0.35	-0.19	0.21	29	1	-0.2	7.3	+1.7	2	1	0	0	2	5	12	7	2	3	1	0	0	1	3	12	11	0	0	0	Guna	
1.6	2.4	0.88	0.88			29	3		3.7		2	1	0	0	1	3	10	4	10	1	1	0	1	0	4	11	10	3			Gwalior	
1.5	3.1	0.36	0.19			23	1		6.8		2	2	0	0	0	8	15	3	1	3	3	0	0	0	3	11	10	1			Madhosagar	
																												Central India, East Nowrang				
2.0	-0.4	3.4	0.80	-0.07	0.30	19	1	0	4.0	+1.2	2	1	0	1	4	14	3	3	3	5	0	1	0	0	0	7	10	8	0	0	0	Nowrang
1.2	-0.8	3.3	0.25	-0.22	0.24	19	1	-0.3	4.0	-0.5	1	2	1	2	2	9	2	5	7	1	1	1	0	0	6	2	20	0	0	0	Sutna	
1.8	-0.7	4.4	0.23	-0.20	0.23	19	1	+0.3	3.9	+0.4	0	0	1	1	1	7	10	3	8	4	0	1	0	1	3	11	10	1			Umaria	
0.6	-1.6	1.6	0	-0.41	0		0	-1.0	9.3	+2.0	0	0	0	0	0	9	2	28	1	0	1	0	0	0	0	1	29	0	0	0	0	Berar Akola
1.8	-0.2	4.5	0.12	-0.40	0.12	20	1	-0.3	7.8	+2.0	1	4	0	0	0	14	7	5	0	0	5	0	2	0	1	1	19	0	0	0	0	Amraoti
0.9	-0.5	3.5	0	-0.31	0		0	-0.7	8.6	+0.6	0	0	0	0	0	2	22	7	0	2	1	1	0	0	1	15	11	0			C. P., West Khandwa	
0.7	-0.8	3.4	0.05	-0.44	0.04	26	0	-1.2	4.5	+1.3	1	0	0	1	6	2	16	2	3	2	0	2	1	3	3	13	3	4			Hoshangabad	
2.9	+1.2	5.2	0.23	-0.19	0.20	19	1	-0.1	10.0	+5.2	1	1	0	0	0	15	13	1	0	5	0	0	0	0	3	10	8	0	0	0	Saigur	
1.5	0	3.8	0.38	-0.24	0.24	19	2	+0.6	4.5	+1.5	0	0	0	2	2	8	11	0	3	2	2	0	0	0	5	10	8	1			Jubbulpore	
2.3	+0.3	4.3	0.86	+0.12	0.59	21	2	+0.3	4.3	+0.5	7	0	3	1	5	2	3	10	0	0	1	1	1									

TABLE II.—ABSTRACT OF OBSERVATIONS RECEIVED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.)

STATION.	Height of barometer above sea level in feet.	Pressure reduced to 32° F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry-bulb temperature °F.			Wet-bulb temperature °F.			Vapour pressure, millibars.			Relative humidity %		
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Konkan																									
Dahanu	15	1007.4	-	1005.8	90.8	-	94	22	79.0	-	75.4	10, 11	81.2	88.6	76.7	79.8	28.9	-	30.3	81	67				
Bombay	87	1007.6	+ 0.2	1004.8	91.3	+ 0.2	93	31	79.9	+ 0.3	77	10	82.5	87.4	77.1	79.1	29.8	- 0.1	30.1	77	0	68			
Alibag	23	1008.6	+ 1.0	-	88.9	0.0	92	24	79.2	+ 0.1	75	10	82.4	-	77.8	-	30.3	+ 1.1	80	+ 5					
Harnai	66	1006.6	-	1004.1	86.2	-	90	4 days	80.3	-	77	10	82.6	85.1	73.5	80.5	30.9	-	32.9	82	82				
Ratnagiri	211	1002.2	+ 0.5	999.6	88.7	- 0.6	91	6 days	79.5	- 0.3	76	8, 9	82.9	86.9	79.2	79.0	32.0	+ 3.8	29.8	85	+ 18	81			
Devgad	-	1005.3	-	1002.6	90.8	-	95	26	80.6	-	77	9	83.6	87.9	78.0	79.5	29.9	-	30.1	77	-	67			
Marmagao	202	1002.6	+ 0.7	999.6	87.9	- 0.4	90	21, 28, 30	80.1	- 0.3	78	10, 11	84.0	86.6	77.3	78.0	28.5	- 1.1	28.5	73	- 5	66			
Honavar	85	1006.6	-	1004.0	91.4	-	94	31	79.4	-	76	2, 10, 11	82.1	88.5	77.9	79.8	30.5	-	30.3	82	-	67			
Bombay Deccan																									
Jalgaon	660	984.1	-	979.8	107.4	-	112	15, 16	80.5	-	76	5	84.6	107.3	72.5	75.4	21.5	-	15.1	54	-	19			
Malegaon	1,482	958.7	- 0.2	954.5	105.0	0.0	108	4 days	75.5	+ 0.4	68	10	88.7	103.8	71.3	73.1	20.6	+ 0.5	14.9	53	+ 3	19			
Ahmednagar	2,151	935.7	+ 0.1	931.5	103.5	+ 1.6	106	4 days	78.5	+ 1.4	64	8	81.5	100.5	67.9	70.3	17.3	- 0.6	12.3	46	+ 2	20			
Poona	1,884	946.5	- 0.1	943.0	98.9	+ 0.1	107	15	72.0	- 0.4	67	5, 8	78.7	95.5	68.6	71.2	19.4	- 1.1	15.4	63	+ 2	29			
Sholapur	1,670	961.7	+ 0.2	949.8	105.3	+ 0.6	109	16	78.4	+ 1.4	73	9	82.5	103.2	68.4	70.0	17.5	- 1.8	10.7	48	- 3	16			
Miraj	1,817	947.2	+ 0.3	942.7	100.9	+ 1.7	106	16	78.0	+ 0.5	67	9	76.7	96.1	70.9	71.2	22.9	- 1.1	15.2	75	0	31			
Bijapur	1,950	942.5	+ 0.1	938.6	102.3	+ 0.4	107	16	75.0	+ 0.5	71	18	78.8	100.4	69.2	69.7	20.4	- 0.7	11.3	61	- 1	19			
Belgaum	2,562	923.5	+ 0.2	920.7	92.4	- 0.8	99	16	68.5	+ 0.1	64	9, 10	71.8	87.2	68.8	72.3	22.5	+ 0.7	20.5	86	+ 8	49			
Gadag	2,181	937.3	+ 0.6	933.5	99.0	+ 0.7	104	15	72.5	- 0.1	69	10	75.8	96.4	72.2	82.4	25.2	+ 1.1	31.4	84	+ 7	55			
Hyderabad, North																									
Aurangabad	1,905	943.8	0	939.4	103.9	+ 0.4	107	16, 17, 27	77.3	+ 1.5	71	17	82.9	101.7	68.1	70.6	16.7	- 0.5	12.2	47	0	19			
Parbhani	1,850	959.6	-	964.8	107.7	-	112	17	80.0	-	74	9	86.1	105.3	72.2	78.9	21.2	-	21.2	50	-	29			
Bidar	2,207	933.7	-	929.8	102.5	+ 1.2	106	5, 17	80.3	+ 2.8	74	20	83.9	98.7	74.8	78.6	25.1	+ 4.5	24.5	63	+ 9	42			
Nizamabad	1,250	963.4	- 0.5	958.8	106.8	+ 0.2	109	4 days	83.1	+ 1.7	76	9	88.7	105.3	68.7	72.1	14.6	- 4.8	11.3	32	- 12	15			
Peddapalli	755	979.9	-	-	106.0	-	112	17	88.0	-	76	28	93.1	-	78.4	-	26.1	-	50	-	-	-	-	-	
Hyderabad, South																									
Gulbarga (R)	1,503	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ratnur	1,311	962.9	0	957.8	105.1	+ 1.4	109	17	80.4	+ 1.3	75	4 days	88.5	108.3	74.7	79.4	25.1	+ 1.9	21.8	66	+ 7	33			
Hyderabad(Begumpet)	1,778	946.6	+ 0.1	942.8	105.0	+ 1.9	109	16	82.0	+ 2.8	77	1, 20	86.8	100.9	74.6	79.3	23.9	+ 1.9	24.9	57	+ 4	39			
Hanamkonda	881	975.5	- 0.4	971.0	106.4	+ 1.9	111	17	83.5	+ 1.8	79	1, 28	88.5	105.3	74.1	72.6	22.0	+ 0.5	12.1	50	0	17			
Khammameth	867	993.0	-	991.5	108.1	-	113	17	83.3	-	77	1	85.1	106.6	79.5	79.6	30.1	-	21.6	68	-	30			
Mysore																									
Chitaldrug	2,405	928.4	+ 0.8	924.9	95.2	+ 0.1	100	14, 15	72.3	+ 0.4	69	25, 26, 28	75.2	93.8	69.8	70.3	22.3	- 0.4	15.1	76	+ 2	30			
Hassan	8,149	905.8	-	902.2	89.0	- 0.6	95	14	68.1	+ 0.5	65	16	71.7	82.4	68.7	71.8	22.4	+ 0.4	21.9	65	+ 7	61			
Bangalore	8,021	908.9	+ 0.4	905.8	91.7	+ 0.5	96	11, 15	70.0	+ 1.1	62	6	78.6	88.1	68.8	68.6	21.7	- 0.6	15.4	78	+ 2	37			
Mysore	2,518	925.4	+ 0.4	921.6	91.8	- 0.1	97	15	70.0	+ 0.1	64	16	73.3	89.1	69.8	70.6	23.0	- 0.1	17.4	84	+ 6	41			
Malabar																									
Mangalore	72	1007.3	+ 0.4	1004.8	91.1	+ 0.8	93	23, 25	79.2	+ 0.4	73	15	82.9	88.0	77.8	79.4	29.9	+ 0.6	30.0	79	+ 2	67			
Calicut	27	1008.3	+ 0.1	1005.6	92.1	+ 2.0	94	4 days	79.7	+ 1.5	75	28	82.4	89.2	78.5	81.7	31.1	+ 0.8	33.2	83	0	71			
Palghat	319	998.5	-	994.7	97.0	-	100	12, 13	79.1	-	76	25	82.0	91.7	77.3	77.8	29.6	-	25.8	80	-	52			
Cochin	10	1009.4	0	1006.5	88.4	+ 0.9	90	22, 23, 26	79.1	+ 0.9	75	4	83.5	86.6	79.0	80.3	31.4	+ 1.0	32.0	81	- 2	75			
Alleppey	12	1009.2	-	1006.5	91.1	-	93	22, 26	79.3	-	75	27	84.2	88.1	79.9	81.0	32.5	-	32.5	82	-	73			
Trivandrum	200	1002.5	+ 0.2	999.5	91.1	-	93	22	78.5	-	76	28, 30	82.0	87.1	77.7	79.1	30.0	- 0.4	29.9	82	- 2	64			
Madras, Southeast																									
Pamban	87	1006.8	+ 0.3	1008.8	91.1	- 0.6	93	6, 7	78.7	- 2.4	77	16, 21, 25	85.3	86.0	79.5	80.0	31.3	- 1.3	31.8	77	- 4	75			
Madura	437	998.0	+ 0.1	988.8	102.4	+ 3.6	106	19	79.8	+ 1.8	74	24	85.6	98.3	75.8	76.5	25.5	- 0.5	20.6	62	- 4	35			
Negapatam	31	1006.7	+ 0.3	1002.9	97.7	+ 0.4	103	9, 18, 21	82.0	+ 1.3	79	22	86.6	90.7	79.7	81.1	31.0	+ 1.0	31.5	73	+ 1	66			
•Trichinopoly	295	998.1	+ 0.4	993.7	103.1	+ 1.7	106	22, 23	81.0	+ 1.8	72	21	85.6	100.7	76.7	77.3	26.9	+ 0.1	20.9	65	- 1	32			
Coimbatore	1,941	962.0	0.0	959.9	95.1	+ 0.7	98	12, 13, 14	75.0	+ 1.4	70	25	79.1	90.5	74.0	75.3	26.1	- 1.3	22.8	78	- 3	47			
Salem	913	977.2	+ 0.2	972.4																					

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32° F and standard gravity, millibars.			Maximum temperature °F.			Minimum temperature °F.			Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %				
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Madras Coast.																					
North																					
Nellore	...	66	1003.9	+0.2	999.9	106.4	+ 2.2	111	9	82.8	+ 1.0	77	12	89.2	98.0	79.3	81.8	25.2	+0.8	29.3	65 + 2
Ongole (R)	...																				
Masulipatam	...	10	1005.5	-0.1	1001.6	100.8	+ 1.3	111	19	82.5	+ 0.8	76	1	88.3	93.6	81.9	82.0	33.9	+0.3	31.6	77 + 2
Cocanada	...	26	1005.1	-0.1	1000.8	99.5	+ 0.3	108	21	82.0	+ 0.8	73	30	86.4	93.8	62.0	84.2	34.9	+2.5	35.3	83 + 9
Vizagapatam	...	126	1001.3	0.0	997.9	92.9	+ 0.9	97	7,8,9	83.0	+ 1.6	76	24	88.0	88.5	78.9	81.4	29.3	-1.6	33.0	66 - 6
Calingapatam	...	19	1004.4	-0.3	1001.0	94.3	0.0	99	23	81.8	+ 1.1	75	19	85.6	86.1	80.9	82.0	33.4	+0.7	34.2	80 + 5
Hill Stations, ex- cluding Kashmir and Baluchistan																					
Shillong	...	4,921	847.6	-0.1	844.9	73.8	- 0.2	79	26	58.2	- 0.9	52	16	66.8	67.4	61.0	62.5	15.6	-1.1	17.0	73 + 2
Cherrapunji	...	4,309	867.0	+0.3	864.2	71.4	- 0.7	75	2	61.1	+ 0.1	57	1,15,28	66.5	67.5	63.0	64.6	18.1	-0.8	19.4	82 0
Aijal	...	3,599	888.8		886.3	78.1		85	5	62.9		59	10,14,26	69.4	72.1	65.8	67.0	19.5		20.3	81
Darjiling	...	7,432	775.9	+0.9	773.8	62.4	- 0.5	69	6	52.0	- 0.4	48	1,17,20	56.5	55.8	55.2	54.1	14.2	0	13.6	91 + 2
Kalimpong	...	3,965	876.3	-0.4	873.2	74.8	+ 0.2	78	3,19	61.4	- 1.3	54	28,29	68.6	69.8	64.1	65.5	18.6	-0.6	19.6	79 - 3
Katmandu	...	4,898	863.6		861.0	84.4	- 0.9	88	7 days	59.5	- 0.9	54	15	68.5	79.7	62.7	69.4	16.6	-1.1	19.8	74 + 4
Muktasar	...	7,592	770.1	-1.4	768.8	75.0	+ 1.9	79	6,26	57.1	+ 1.3	49	19,29,31	61.5	69.8	48.0	52.5	5.3	-3.4	5.5	37 - 11
Mussooree	...	6,940	795.5		794.1	78.8	+ 3.8	85	26	58.8	+ 0.2	50	18	66.6	72.9	54.8	57.9	8.8	-1.0	9.6	48 0
Simla	...	7,224	760.2	-0.2	779.5	74.0	+ 0.8	79	16,26	58.5	+ 0.8	47	18	66.7	69.8	50.7	52.1	5.4	-2.8	5.4	32 - 6
Murree	...	7,113	782.8	-0.4	782.6	72.3	- 2.8	79	16	54.2	- 1.4	47	26	61.5	67.3	49.2	53.1	7.5	-1.0	8.7	41 - 1
Wana	...	4,456	858.3		855.7	88.4	- 0.5	95	25	59.1	- 0.9	48	8	65.5	84.5	54.6	59.5	9.5	-0.5	5.9	51 + 8
Oherat (R)	...	4,272																			
Parachinar	...	5,678	823.9	-0.2	823.3	78.2	- 1.3	84	13,14,28	54.6	- 1.0	49	6	64.2	71.9	53.5	58.1	10.1	+0.8	11.4	50 + 3
Drosh	...	4,709	855.9	+0.9	852.6	79.5	- 2.0	88	14	55.6	- 3.4	44	3	62.2	76.5	53.2	55.7	10.2	-0.9	6.8	55 - 3
Abu	...	3,945	877.9	-0.3	876.7	86.2	- 1.7	91	19,20,27	70.9	- 0.2	60	30	76.9	84.7	57.9	62.3	7.3	-4.4	9.0	80 - 9
Pachmarhi	...	3,528	891.5	+0.1	889.5	96.5	+ 0.7	100	27	75.4	+ 0.3	68	1	82.2	94.6	63.2	66.6	12.1	-1.4	11.0	82 - 5
Mahabaleshwar	...	4,534	862.5	+0.7	861.6	82.6	- 1.2	87	14,15	68.8	- 1.0	60	18,27,30	67.5	80.8	58.8	69.0	12.9	-0.9	19.3	57 + 10
Mercara	...	3,781	885.3	+0.5	883.1	81.4	+ 1.3	87.9	13	65.2	+ 0.7	62.0	16	68.5	77.3	66.7	70.3	21.3	+0.7	28.9	91 + 4
Ootacamund	...	3,364	780.4	+0.7	778.6	73.2	+ 2.8	78.0	14	51.0	- 1.5	46.0	12	56.5	66.6	53.0	58.5	12.4	-0.1	13.8	80 + 13
Coonoor	...	5,730	826.9			76.7	+ 0.4	81	19	58.2	- 0.8	52.0	12	68.5		60.8		15.3	+0.6	64 + 4	
Kodaikanal	...	7,688	771.8	+1.1	770.1	70.3	+ 1.9	74.2	7,16	55.2	+ 0.5	50.2	11	61.5	62.1	53.7	57.7	11.2	-0.7	14.5	62 - 4
Ceylon																					
Colombo	...	24	1009.6	+0.7	1006.7	88.5	+ 0.8	80.0	4 days	77.8	+ 0.2	72.0	6	81.3	86.0	77.6	79.0	30.4	-0.4	30.3	84 - 4
Trincomalee	...	24	1008.1	+1.5	1005.3	95.8	+ 2.6	99.0	10,23	79.5	+ 1.2	78.0	10,14,27	83.9	89.8	77.3	80.3	28.7	-0.7	30.8	73 - 9
Hambantota	...	61	1006.9	+0.1	1004.0	86.8		88.0	4 days	78.0	+ 0.7	76.0	6,31	80.8	83.7	77.8	79.4	30.8	+0.7	31.9	87 - 2
Nuwara Eliya	...	6,170	814.4	+0.5	812.5	72.8	+ 2.7	78.0	13,23	49.5	- 4.0	42.0	10	59.2	65.8	55.7	60.3	13.8	-2.1	15.7	81 - 7
Afghanistan																					
Jalalabad	...	1,950	939.2		936.0	98.9		100	28	64.0		50	1	76.6	91.4	72.1	84.8	24.7		37.1	80
Kabul	...	5,955	819.2		816.7	76.6	- 1.6	85	13,14,29	49.5	- 1.6	44	6	59.8	72.7	49.9	54.9	8.8	-0.6	7.6	51 + 8
Kandahar	...	3,462	896.4		894.0	89.5		97	13	53.5		43	6,7	64.7	88.0	55.2	64.9	11.0		11.9	54

(R)—Register not received.

Cloud amount (tenths of sky).			Rainfall, inches.			Number of rainy days (0-10 or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from												STATION								
Mean 9 hrs. I.S.T.	Departure from normal.	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.						18 hrs. I. S. T.													
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52		
7.6	+2.6	6.5	0.00	- 1.00	0.07	23	9	- 1.4	6.9	+ 0.3	1	0	1	.4	7	4	5	4	5	1	0	6	12	6	2	2	1	1	53	
3.5	- 1.1	3.1	0.20	- 1.12	0.17	6	1	- 1.0	8.3	+ 1.7	1	0	2	1	19	9	1	1	8	1	0	0	11	17	1	1	0	0	Madras Coast, North Nellore	
4.7	- 0.8	3.4	0.32	- 1.22	0.25	20	1	- 1.5	7.5	+ 1.8	0	0	1	3	1	20	2	1	3	0	0	0	5	18	12	1	0	0	Ongole (B)	
4.3	- 1.6	5.6	0.20	- 1.80	0.10	19, 24	2	- 0.7	6.8	+ 0.7	0	0	1	0	9	15	4	0	2	0	1	0	1	16	10	1	0	2	Masulipatam	
5.2	+0.8	5.7	0.05	- 2.51	0.05	19	0	- 3.2	19.6	+ 3.9	3	0	0	0	11	13	1	3	0	0	0	0	0	15	16	0	0	0	Cocanada	
																												Vinagapatam		
																												Calingapatam		
																												Hill Stations, ex- cluding Kashmir and Baluchistan		
7.4	+1.2	6.8	7.26	- 4.03	0.74	30	10	+ 2.7	8.9	+ 0.2	0	8	1	2	1	8	2	0	14	1	0	1	0	2	10	2	0	16	Shillong	
7.4	+0.1	7.2	35.34	- 16.10	6.41	28	22	0	6.1	+ 0.6	0	8	5	1	3	10	1	1	2	0	1	2	1	2	16	7	1	1	Cherrapunji	
5.5	4.3	16.39	2.68	26	18			6.7			0	4	14	2	0	7	0	1	3	1	0	4	2	1	12	8	1	1	Aijal	
7.9	+0.9	8.3	5.97	- 3.66	0.91	24	19	+ 4.6	6.5	+ 1.7	0	3	6	1	0	2	4	0	15	0	0	0	0	0	0	0	31	Darjiling		
4.0	- 1.2	4.9	3.16	- 3.11	0.72	25	10	- 1.8	6.8	- 0.5	0	0	0	5	0	0	0	22	4	0	0	0	27	0	0	1	2	Kalimpong		
3.4	- 2.2	5.7	1.38	- 3.72	0.77	15	3	- 7.5	1.3	- 0.1	0	0	2	0	0	0	0	29	3	0	1	0	0	0	8	9	10	Katmandu		
1.0	- 1.0	2.5	0.82	- 1.48	0.48	29	2	- 3.1	11.8	+ 4.8	0	0	1	1	0	3	16	10	0	0	0	1	0	9	19	2	Muktasar			
2.0	- 0.8	3.5	0.43	- 1.24	0.21	18, 19	2	- 2.3	5.8	- 0.2	10	3	0	4	4	3	3	1	0	0	2	0	8	5	9	1	4	Mussooree		
1.7	- 0.9	4.0	1.86	- 1.17	1.18	18	1	- 4.2	2.9	- 0.9	4	6	3	3	5	9	1	1	5	5	6	1	1	4	4	3	5	9	Simla	
3.1	+0.6	6.3	2.13	- 0.49	1.30	26	6	+ 1.2	7.9	+ 2.7	2	4	10	2	1	0	6	3	3	1	2	5	3	2	4	10	3	1	Murree	
1.3	- 0.6	0.6	0.81	- 0.1	0.50	31	2	- 0.3	4		1	0	2	3	5	2	1	0	17	2	4	6	4	2	3	7	3	0	Wana	
																												Cherat (B)		
1.8	- 0.5	6.5	2.40	+ 0.09	0.45	21	9	+ 2.3	4.6	+ 1.6	15	8	1	0	0	0	5	1	6	2	3	7	8	4	1	2	3	1	Parachinar	
4.3	+1.8	7.1	2.35	+ 0.44	0.51	18	6	+ 1.5	4.4	+ 0.9	1	10	1	2	0	4	4	0	9	3	7	1	0	1	7	9	1	3	Drosh	
0.9	- 0.1	0.5	0.14	- 0.79	0.14	30	1	- 0.3	6.6	- 0.7	4	0	0	0	6	5	12	2	2	1	0	0	0	8	8	14	0	0	Abu	
2.3	- 0.2	3.5	0.46	- 0.16	0.38	19	2	+ 0.4	3.7	- 1.6	6	0	0	0	0	0	5	17	3	2	0	0	0	0	0	1	19	0	Pachmarhi	
3.0	- 0.6	2.7	0	- 1.60	0		0	- 2.4	6.8	- 1.7	5	12	0	0	0	8	0	6	0	0	0	0	0	0	0	8	0	28	Mahabaleshwar	
6.2	- 1.2	5.5	1.57	- 3.64	0.49	26	5	- 3.5	6.0	+ 2.2	0	1	1	0	0	0	14	13	2	0	0	0	0	0	0	0	15	16	0	Mercara
6.0	+1.1	7.1	4.18	- 2.11	1.08	23	12	0	0.9	- 1.8	0	2	2	0	0	0	0	0	27	3	6	5	1	1	1	0	0	14	Ootacamund	
5.9	+0.7	2.19	- 1.98	0.66	8	4	- 3.7	4.2	+ 0.9	2	0	0	2	0	0	0	0	0	27	5	5	1	10	1	0	0	0	9	Coonoor	
4.3	- 0.2	8.0	3.61	- 2.76	1.96	26	6	- 4.6	5.3	- 1.8	3	6	0	6	4	0	1	0	11	5	5	1	10	1	0	0	0	9	Kodaikanal	
6.9	- 0.6	5.9	8.26	- 4.98	2.81	28	11	- 3.1			0	0	5	8	3	8	3	0	4	0	0	0	1	1	16	18	0	0	Colombo	
2.7	- 1.6	4.5	0.00	- 2.68	0.00		0	- 3.4			0	0	0	0	1	30	0	0	0	0	0	1	4	12	1	12	1	0	0	Trincomalee
4.5	- 0.4	4.5	0.96	- 3.69	0.95	6	1	- 5.8			0	0	1	0	0	3	26	1	0	0	0	1	0	0	27	8	0	0	0	Hambantota
4.5	- 2.5	7.4	3.19	- 8.23	0.97	26	5	- 6.4																				Nuwara Eliya		
3.8	5.8	0.65	0.34	6	2			3.4			4	1	0	0	0	0	10	6	10	0	9	6	0	0	0	8	8	10	Afghanistan	
1.9	- 0.4	5.7	0.93	+ 0.08	0.26	1	3	+ 0.5	8.5	+ 1.2	2	2	1	6	6	6	2	2	5	7	11	0	1	1	3	2	2	4	Jalalabad	
2.3	3.1	0.16	0.18	1	1			2.6			0	8	1	1	8	0	1	8	0	0	0	0	0	0	0	0	0	0	Kabul	
																												Kandahar		

(E) Register not received.

a—Mean of 30 days.

TABLE III—ABSTRACT OF OBSERVATIONS RECORDED

STATION.	Height of bar: distant sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.			Wet bulb temperature °F.			Vapour pressure, millibars.			Relative humidity %			
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean.		
1	9	8	4	5	6	7	8	9	10	11	12	13	14	15	16	16	17	18	19	20	21	22	23	24	25	
Iran																										
Charbar	25	1003.8		1002.0					77.1	- 0.8	71	8, 14	79.5	88.0	75.4	80.5	28.2	- 1.9	32.1	83	+ 7					
Jask	18	1004.9		1002.9	91.6	- 1.2	99	20	78.5	+ 0.3	71	8	68.1	88.6	75.1	78.4	26.1	- 1.0	28.6	68	0					
Bandar Abbas	29	1005.4		1002.2	97.1		106	26	75.7		69	1	64.5	94.1	76.1	80.6	26.9		29.5	67						
Bushire (R)	14																									
Ispahan (R)	5,817																									
Meshed	8,104	898.6		895.5	76.4	- 3.6	92	30	50.5	- 3.9	40	1, 6	62.0	74.6	54.2	59.5	11.1	- 1.0	11.3	59	- 2					
Seistan		953.6		960.0					65.7	- 1.3	55	2, 7	74.8	92.7	60.4	66.5	11.7	- 3.8	11.0	45	- 5					
Arabia																										
Bahrain	12	1008.2		1007.5	90.6	- 1.1	102	31	77.8	- 0.3	66	1	83.0	88.5	78.9	80.9	31.9	+ 4.3	32.6	83	+ 13					
Muscat	15	1005.1		1003.4	94.2	- 2.1	103	24	85.4	- 0.8	74	7	90.1	91.7	76.9	74.7	25.7	- 0.4	21.6	55	- 1					
Sharjah	18	1006.1		1004.4	98.5	+ 0.4	102	14	71.8	- 0.8	64	1, 7	81.4	89.9	70.4	77.5	20.4	- 2.7	26.5	57	- 5					

(R)—Register not received.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 4TH CLASS STATIONS—MAY 194

STATION.	Maximum temperature °F.				Minimum temperature °F.				Mean dry bulb temperature °F. at 9 hrs. I. S. T.				Mean wet bulb temperature °F. at 9 hrs. I. S. T.				Vapour pressure millibars.		Relative Humidity %		Rainfall, inches.				Number of rainy days (0-10° or more).		Wind.	
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.	Departure from normal.	Total of the month.	Mean cloud amount 9 hrs. I. S. T.	Total in the month.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Resultant direction 9 hrs. I. S. T.	Velocity in			
1	9	8	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27		
Assam Lumding	90.3 + 0.5	96	7 days						78.0	73.0	25.5	- 0.7	78	- 3			7.63	+ 1.16	1.45	20	11	+ 0.3						
Bengal Pabna	95.9 + 0.5	105	6	75.7 + 1.3	68	10, 15	82.5	77.6	30.1	- 0.9	79	- 1					4.45	- 2.90	1.73	- 10	6	- 3.8						
Kashmir Jammu	101.0 + 1.1	105	16, 26	78.9 - 0.7	70	19	82.5	64.8	19.9	- 1.1	85	- 2	1.6	0.20	- 0.73	0.20			18	1	- 1.2	N 16 W						
Kargil	68.4 - 2.4	75	16	47.9 - 0.2	48	7	58.5	49.9	10.9	+ 3.4	84	+ 28	1.8	0.12	- 0.86	0.05			7, 18	0	- 2.4	N 24 W						
Mysore Balehonnur	66.2 + 1.6	91	14	67.3 + 0.2	63	10	71.3	69.1	23.3	0	89	0					2.79	- 1.42	1.00	2	6	0						
Tibet Yatung (Chumbi)	69.8 - 1.0	67	19	36.9 - 5.4	29	1	48.8	47.7	10.8	+ 0.1	93	+ 7	7.2	5.61	+ 1.55	0.78			24	15	+ 4.0							
Iran Zahidan	69.9 - 0.1	95	13, 24, 31	60.9 + 2.1	50	6	76.3	58.4	10.2	- 8.3	84	- 31	1.3	0.06	- 0.03	0.06			16	0	- 0.4	N 86 E 7						

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from														STATION.				
Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	4 hrs. G. M. T.							12 hrs. G. M. T.											
24	25	26	27	28	29	30	31	32	33	34	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
2.0	+ 1.1	1.5	0	0	0		0	0		1	1	6	1	1	2	4	6	9	0	0	0	2	11	8	9	1	0	Iran	
0.2	- 0.5	0.5	0	- 0.01	0		0	0	10.1	+ 1.8	0	0	12	0	0	4	10	5	0	0	0	0	3	3	14	11	0	0	Charbar
1.1		1.3	0		0		0		6.5		1	8	1	0	0	1	2	3	16	0	0	0	3	22	5	0	0	1	Jask
4.0	+ 0.1	5.0	2.72	+ 1.42	0.95	5	6	+ 2.5	1.6	+ 0.2	3	0	0	2	0	0	1	1	24	1	1	6	6	0	0	0	0	17	Bandar Abbas
1.7	+ 0.4	1.8	0	- 0.03	0		0	- 0.2			0	0	0	0	0	0	0	26	5	0	0	0	0	0	0	0	14	Bushire (B)	
2.7	+ 0.6	2.6	0	- 0.04	0		0	- 0.1	5.1	- 3.0	10	0	1	0	1	1	3	6	9	14	5	1	2	0	0	1	6	0	Arabia
0.1	- 0.7	0.1	0	0	0		0	0	5.0	+ 1.8	0	9	1	0	0	1	5	10	11	2	1	6	0	0	0	3	17	Bahrain	
0.3	- 0.9	0.6	0	0	0		0	0			0	0	0	2	20	7	1	0	1	2	0	0	0	1	1	20	7	0	Muscat
																											Sharjah		

(B)—Register not received.

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 5TH CLASS STATIONS—MAY 1945

DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0-10° or more).		DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0-10° or more).		
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.			Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	
1	3	3	4	5	6	7	8	1	2	3	4	5	6	7	8	
Assam	Mawsynram (B)	...						Baluchistan	Harnai	...	0.03	- 0.47	0.03	5	0	- 0.9
Bengal	Bankura	2.35	- 1.72	0.56	20	7	+1.4	Rajputana, East...	Udaipur	...	0	- 0.72	0	0	- 1.5	
	Rajshahi	5.54	+ 0.05	1.54	10	7	- 0.4	Bombay Deccan ...	Khandala	...	0	- 0.79	0	0		
	Sirajganj	8.17	+ 0.09	1.52	1	10	- 0.5	Madras Southeast.	Palamcottah	...	0	- 1.63	0	0	- 2.5	
	Rangpur	12.80	+ 1.97	2.26	24	13	+1.5	Madras Deccan ...	Anantapur	...	2.35	+ 0.31	1.96	28	3	- 0.7
	Cooch Behar	25.59	+ 8.82	4.96	99	20	+4.5	Sikkim	Lachung (B)	...						
Bihar	Muzaffarpur	2.77	+ 0.79	1.67	22	3	- 0.1									
	Chapra	0.54	- 0.76	0.54	19	1	- 0.8									
	Arrah	0.48	- 0.75	0.29	18	2	+0.2									
	Dehri (B)	...														
United Provinces, West.	Meerut	0.07	- 0.53	0.04	18	0	- 1.5									
Punjab, East and North.	Dharampore	0.60	- 1.34	0.60	31	1	- 2.4									
	Kyelang	0.57	- 1.74	0.27	17	2	- 3.6									
	Dalhousie	0.63	+ 1.49	0.63	18	1	- 3.2									
Kashmir	Sonamarg	5.01	- 0.45	1.17	18	14	+4.2									
	Gurez	4.71	+ 0.23	1.27	17	9	- 0.1									

INDIA WEATHER REVIEW, 1945

Monthly Weather Report

June

AMERICAN CONSULATE

FEB 27 1946

KARACHI, INDIA

Published by authority of the Government of India

Chief Features.—(1) The burst of the southwest monsoon on the Malabar coast on the 5th.

(2) Formation of a depression over Chota Nagpur during the last week of the month.

(3) Abnormally high temperatures over the northern and the central parts of the country during the middle half of the month.

Under the influence of disturbed conditions in the extreme south, widespread thundershowers occurred in Malabar, Mysore and the south Deccan on the first two days of the month followed by scattered thundershowers in the next few days. The Arabian Sea monsoon burst on the south Malabar coast on the 5th and a feeble temporary extension up to Bombay took place in the next two days. A fresh pulse of the monsoon caused heavy rain in Malabar on the 7th and gave rise to a shallow depression centred near Lat. 15°N., Long 70°E. at 1800 hrs. of the 9th. The depression remained nearly stationary during the next day; thereafter it weakened and became unimportant by the 11th. Under its influence heavy rain fell on the west coast. With its disappearance the monsoon extended slowly northwards, and up to the 14th its activity was confined to the coast south of Surat. During the next two days rainfall extended to Gujarat and some locally heavy falls were recorded in Cutch and Kathiawar.

Meanwhile, in northeast India, fairly widespread thundershowers occurred in Assam and north Bengal and local thundershowers in east Bengal in the first week of the month. In the next few days thundershowers occurred in southwest Bengal also. Towards the end of the second week there was a feeble advance of the Bay monsoon into east Bengal and a shallow 'low' formed over Chota Nagpur on the 16th. This low induced an extension of the Bay monsoon towards the foot of the Himalayas in the United Provinces and also an extension of the Arabian Sea monsoon current into the central parts of the country. Under the influence of a western disturbance which was passing across the extreme north of the country, the Bay current was drawn temporarily into the Punjab and Kashmir on the 17th and 18th. The deepening of the seasonal 'low' over Baluchistan due to the passage of the next western disturbance caused thundershowers in the North-West Frontier Province and Kashmir on the 20th. Both branches of the monsoon strengthened by the 19th and remained active for the next ten days causing widespread rainfall on the west coast, the north of the Peninsula, the central parts of the country and northeast India. At the end of this period rainfall extended to the United Provinces also.

During the rest of the month the activity of the monsoon was stimulated and the distribution of rainfall controlled by a depression which appeared over Chota Nagpur on the 27th. The depression moved westnorthwards and was centred near Jubbulpore on the 28th morning, near Bijnagar on the 29th morning and between Kankroli and Jodhpur on the 30th morning. In association with this depression widespread and locally very heavy rain fell in the central parts of the country, Rajputana and Gujarat. The noteworthy amounts of rainfall were:—June 28th, Rajgarh (C. I.) 9·6" and Sheopur (C. I.) 7·3"; 29th, Garoth (C. I.) 12·7", Bhanpura (C. I.) and Pirawa (C. I.) 10·5" each, Guna (C. I.) 10·0", Malhargarh (C. I.) 8·6", Abu Road (Gujarat) 8·3", Machalpur (Indore) 7·9", Dharampore 7·0" and Bijnagar 6·5"; 30th, Sunel (C. I.) 9·8" and Talen (C. I.) 7·3".

Conditions became unsettled in the northeast angle of the Bay of Bengal on the 30th.

The passage of a western disturbance across the north of the country caused fairly widespread precipitation in Kashmir, the North-West Frontier and the hills of the Punjab between the 28th and 30th.

Day temperatures were markedly above normal in most parts of the country from the 10th to 17th.

The total rainfall of the month was in large excess in east Rajputana, west Central India and the west Central Provinces, in slight to moderate excess in Assam, Baluchistan, west Rajputana and Gujarat, and normal in Bengal, Chota Nagpur, Kashmir, the North-West Frontier Province, the Konkan, Hyderabad and Malabar. It was in slight defect in the east and north Punjab and east Central India, and in moderate to large defect elsewhere. Averaged over the plains of India, rainfall was 4 per cent in defect.

Maximum temperatures were above normal in Orissa, Chota Nagpur, Bihar, the United Provinces, the east and north Punjab, east Central India, the Central Provinces, and the north Madras coast. Elsewhere it was normal. Minimum temperatures were normal over the country outside Berar and the Central Provinces, where they were above normal.

Relative humidity was in excess in Hyderabad, and in defect in the west United Provinces, the North-West Frontier Province and east Central India. Elsewhere it was normal.

Cloud amount was in excess in Baluchistan, and in defect in Kashmir and the North-West Frontier Province. Elsewhere it was normal.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 31 sub-divisions; these means are based on observations at stations, the monthly mean data for which are given in the subsequent tables.

N.B.—The Indian Standard Time used in this publication is 6 Hrs. 30 Mins. in advance of G. M. T.

Poona No. 5:

The 25th August 1945.

N. K. SUR,
for Director-General of Observatories.

	RAINFALL.				DEPARTURE FROM NORMAL OF						RAINFALL.				DEPARTURE FROM NORMAL OF				
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	9 hrs. I. S. T.				Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	9 hrs. I. S. T.		
1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Division	*	*	*		*	*	mb.	%		Division—contd.	*	*	*		*	*	mb.	%	
1. Assam	18.94	17.13	+1.81	+11	+0.7	+0.6	+0.5	+3	+1.1	9. Rajputana	3.90	2.24	+1.66	+74	-0.1	0	-1.4	-3	-0.8
2. Bengal	14.95	13.95	+1.00	+7	+0.6	+0.5	+0.7	+2	+0.8	10. Bombay	8.49	8.47	+0.02	0	+0.2	+0.4	+0.4	+2	0
3. Orissa	5.97	8.49	-2.52	-30	+3.1	+0.9	+0.1	-8	+0.8	11. Central India	7.83	5.85	+1.48	+25	+1.7	+1.6	-1.8	-5	0
4. Bihar	5.55	7.48	-1.93	-26	+3.0	+1.2	+0.8	-2	+0.1	12. Central Provinces and Berar.	7.98	7.64	+0.91	+4	+2.1	+2.3	-0.2	-3	+0.1
5. United Provinces.	2.57	4.98	-2.41	-48	+4.0	+1.3	-0.5	-5	-0.4	13. Hyderabad	5.02	5.06	-0.04	-1	+0.3	+0.7	+1.4	+7	+0.5
6. Punjab	1.25	1.59	-0.34	-21	+2.3	-0.1	-0.8	-1	0	14. Mysore	2.62	5.71	-8.09	-54	+0.5	+0.6	-0.8	0	-0.8
7. North-West Frontier Province.	0.64	0.69	-0.05	-7	+1.7	-0.2	-0.9	-6	-0.9	15. Madras	4.97	6.66	-1.69	-25	+1.6	+1.2	-0.8	-3	+0.8
8. Sind	0.32	0.43	-0.11	-26	-0.8	-0.6	+0.6	+2	+0.4	Mean of India	6.04	6.31	-0.27	-4	+1.4	+0.8	-0.2	-1	+0.1
Sub-division										Sub-division—contd.									
1. Bay Islands	...									18. Central India, West.	8.94	5.72	+3.22	+56	+0.7	+1.9	-1.5	-4	+0.1
2. Assam	18.94	17.13	+1.81	+11	+0.7	+0.6	+0.5	+3	+1.1	19. Do. do. East.	5.19	6.03	-0.81	-14	+3.9	+1.2	-2.4	-6	-0.2
3. Bengal	14.95	13.95	+1.00	+7	+0.6	+0.5	+0.7	+2	+0.8	20. Berar	3.92	6.04	-3.12	-35	+1.5	+2.3	+2.3	+1	-1.1
4. Orissa	5.97	8.49	-2.52	-30	+3.1	+0.9	+0.1	-8	+0.8	21. Central Provinces, West.	10.88	7.01	+3.87	+55	+2.2	+2.4	-1.1	-4	+0.8
5. Chota Nagpur	7.25	7.65	-0.40	-5	+3.1	+1.3	+0.6	-2	+0.3	22. Do. do. East.	6.11	9.02	-2.91	-32	+2.9	+2.3	0	-3	+0.8
6. Bihar	4.77	7.41	-2.64	-36	+2.9	+1.1	+1.6	-2	0	23. Konkan	28.07	28.44	-0.37	-1	+0.2	0	+0.6	+4	+0.2
7. United Provinces, East.	3.76	5.47	-1.71	-31	+3.5	+1.4	+0.4	-2	-0.6	24. Bombay Decoan...	2.75	4.46	-1.71	-38	+0.6	+0.6	+0.8	+1	+0.4
8. Do. do. West.	1.53	4.54	-3.01	-66	+4.5	+1.2	-1.8	-7	-0.3	25. Hyderabad, North	5.55	5.84	+0.21	+4	+0.1	+0.8	+1.1	+6	0
9. Punjab, East and North.	2.04	2.28	-0.24	-11	+3.1	+0.9	-1.7	-3	0	26. Do. South	4.31	4.68	-0.37	-8	+0.5	+0.7	+1.6	+7	+1.1
10. Do. Southwest.	0.32	0.78	-0.46	-59	+1.4	-1.1	+0.2	+1	-0.1	27. Mysore	2.62	5.71	-8.09	-54	+0.5	+0.5	-0.8	0	-0.8
11. Kashmir	1.43	1.47	-0.04	-3	-0.1	-1.1	-1.5	+3	-0.7	28. Malabar	25.67	27.95	-9.26	-8	+1.5	+0.1	+0.1	+1	-0.1
12. North-West Frontier Province.	0.64	0.69	-0.05	-7	+1.7	-0.2	-0.9	-6	-0.9	29. Madras, Southeast	0.49	1.57	-1.08	-69	+1.3	+1.2	-0.2	-3	+0.8
13. Baluchistan	0.40	0.23	+0.12	+43	-0.2	-0.1	-0.5	-3	+0.3	30. Do. Deccan...	1.27	2.67	-1.40	-52	+0.9	+1.2	-0.5	-3	+0.8
14. Sind	0.32	0.43	-0.11	-26	-0.8	-0.6	+0.6	+2	+0.4	31. Do. Coast, North	1.07	3.80	-2.73	-72	+2.6	+1.7	-0.5	-4	-0.8
15. Rajputana, West.	2.04	1.53	+0.51	+33	-0.7	+0.3	-1.5	-5	-0.8										
16. Rajputana, East.	5.75	2.96	+2.79	+94	+0.4	-0.8	-1.3	-2	-0.2										
17. Gujarat	5.82	4.08	+1.74	+43	-0.2	+0.4	+0.3	+2	-0.3										

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.)

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean	Departure from normal.	Highest.	Date.	Mean	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 6 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 6 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 6 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 6 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 6 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 6 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 6 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 6 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 6 hrs. I. S. T.	Departure from normal.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	8010	8011	8012	8013	8014	8015	8016	8017	8018	8019	8020	8021	8022	8023	8024	8025	8026	8027	8028	8029	8030	8031	8032	8033	8034	8035	8036	8037	8038	8039	8040	8041	8042	8043	8044	8045	8046	8047	8048	8049	8050	8051	8052	8053	8054	8055	8056	8057	8058	8059	8060	8061	8062	8063	8064	8065	8066	8067	8068	8069	8070	8071	8072	8073	8074	8075	8076	8077	8078	8079	8080	8081	8082	8083	8084	8085	8086	8087	8088	8089	8090	8091	8092	8093	8094	8095	8096	8097	8098	8099	80100	80101	80102	80103	80104	80105	80106	80107	80108	80109	80110	80111	80112	80113	80114	80115	80116	80117	80118	80119	80120	80121	80122	80123	80124	80125	80126	80127	80128	80129	80130	80131	80132	80133	80134	80135	80136	80137	80138	80139	80140	80141	80142	80143	80144	80145	80146	80147	80148	80149	80150	80151	80152	80153	80154	80155	80156	80157	80158	80159	80160	80161	80162	80163	80164	80165	80166	80167	80168	80169	80170	80171	80172	80173	80174	80175	80176	80177	80178	80179	80180	80181	80182	80183	80184	80185	80186	80187	80188	80189	80190	80191	80192	80193	80194	80195	80196	80197	80198	80199	80200	80201	80202	80203	80204	80205	80206	80207	80208	80209	80210	80211	80212	80213	80214	80215	80216	80217	80218	80219	80220	80221	80222	80223	80224	80225	80226	80227	80228	80229	80230	80231	80232	80233	80234	80235	80236	80237	80238	80239	80240	80241	80242	80243	80244	80245	80246	80247	80248	80249	80250	80251	80252	80253	80254	80255	80256	80257	80258	80259	80260	80261	80262	80263	80264	80265	80266	80267	80268	80269	80270	80271	80272	80273	80274	80275	80276	80277	80278	80279	80280	80281	80282	80283	80284	80285	80286	80287	80288	80289	80290	80291	80292	80293	80294	80295	80296	80297	80298	80299	80300	80301	80302	80303	80304	80305	80306	80307	80308	80309	80310	80311	80312	80313	80314	80315	80316	80317	80318	80319	80320	80321	80322	80323	80324	80325	80326	80327	80328	80329	80330	80331	80332	80333	80334	80335	80336	80337	80338	80339	80340	80341	80342	80343	80344	80345	80346	80347	80348	80349	80350	80351	80352	80353	80354	80355	80356	80357	80358	80359	80360	80361	80362	80363	80364	80365	80366	80367	80368	80369	80370	80371	80372	80373	80374	80375	80376	80377	80378	80379	80380
<th

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10 or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from														STATION.							
9 hrs. I. S. T. Departure from normal.	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.							18 hrs. I. S. T.															
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54		
1.7	+ 2.0	7.1	22.08	+ 2.41	6.00	24	14	- 5.6	1.6	+ 0.4	12	7	5	0	2	0	0	4	0	1	7	4	2	0	2	2	3	9				
3.8	+ 0.1	7.5	14.90				18				5	6	4	2	1	2	2	2	5	2	4	2	5	4	3	4	0	6				
3.9	+ 1.2	6.8	11.51	- 0.63	2.82	3	21	+ 5.0	1.6	- 0.3	0	1	10	1	1	0	3	0	14	1	0	5	1	0	0	4	1	18				
3.7	+ 0.9	7.4	15.86	+ 3.56	2.75	14	18	+ 3.8	2.4	+ 1.0	8	12	4	1	3	1	0	1	0	7	1	5	5	3	6	2	0	1				
3.1	+ 0.5	7.1	32.82	+ 8.71	4.95	22	19	+ 0.9	4.3	0	3	3	9	2	6	1	0	0	6	2	3	10	1	3	5	0	0	6				
3.7	+ 1.1	7.6	19.10	- 4.09	2.37	18	23	+ 1.7	1.1	- 0.6	2	14	2	7	2	1	0	2	0	1	6	1	4	5	3	4	6	0				
7.7	+ 1.1	8.5	23.39	+ 4.53	5.38	14	19	- 1.1	3.7	0	0	3	3	10	9	2	1	1	1	4	4	6	6	3	3	1	2					
7.7	+ 0.1	7.9	33.81	+ 2.67	6.70	13	19	- 0.1	4.8	+ 0.8	0	0	4	12	4	4	2	0	4	0	0	1	9	10	5	2	0	3				
8.5	+ 1.0	8.4	22.52	+ 1.53	3.88	26	20	+ 3.8	5.7	- 2.3	0	1	2	10	9	3	0	0	5	0	0	1	5	12	10	1	0	1				
8.0	+ 1.5	7.8	16.50	- 4.06	3.75	13	22	+ 3.7			0	1	2	13	9	3	0	0	2	0	14	12	0	0	0	1						
8.1	+ 1.3	8.8	21.42	+ 3.14	3.66	13	20	+ 2.9	8.0	+ 2.2	0	0	5	14	6	1	0	0	4	0	0	2	3	21	0	1	1	2				
5.6		6.4	24.79	+ 10.94	6.12	14	21	+ 5.0			1	0	5	5	15	1	0	0	8	0	2	0	6	12	4	0	0	6				
6.9	- 1.2	6.7	16.52	+ 4.13	2.47	26	13	- 1.6	3.9	- 1.6	0	0	4	12	10	1	0	1	2	0	0	0	11	9	3	2	0	5				
8.3	- 0.1	8.3	23.01	+ 5.41	3.57	14	19	+ 1.2	3.6	+ 1.1	2	0	9	15	1	0	0	0	8	1	1	11	7	2	0	3	1	4				
8.9	+ 1.8	8.1	11.40	- 1.39	2.86	25	15	- 0.2	5.9	- 1.6	0	1	0	19	7	0	0	0	3	0	0	15	10	1	0	0	4					
8.2	+ 0.7	6.5	9.80	- 6.25	2.34	13	19	+ 2.3	5.0	+ 1.6	0	0	7	7	12	2	0	0	2	0	0	0	2	17	1	2	0	8				
9.0	+ 0.8	8.6	13.64	+ 1.18	2.32	29	16	+ 1.3	4.7	+ 0.2	0	0	1	12	6	2	0	2	7	0	2	0	11	7	3	0	0	7				
6.2	- 1.1	6.0	10.04	- 2.18	2.15	26	13	- 1.0	5.0	+ 1.6	1	1	3	9	14	2	0	0	0	0	1	1	8	17	2	0	0	1				
8.2	+ 1.6	7.7	14.78	+ 2.58	3.13	28	18	+ 4.3	3.8	0	0	1	0	6	10	1	0	0	12	0	1	2	7	11	1	1	0	0	8			
7.8	+ 0.2	7.0	8.08	- 3.66	3.45	29	9	- 4.2	3.4	- 0.9	0	1	2	7	9	9	1	0	1	0	2	2	2	13	5	0	0	6				
6.2	- 1.9	6.2	14.97	+ 3.34	7.67	30	11	- 1.1			2	3	2	2	1	15	4	0	1	0	0	0	6	8	12	2	0	0				
7.1	0	6.9	4.76				8				0	0	1	1	4	15	2	2	0	0	0	0	3	6	14	3	0	0				
8.0	+ 1.8	7.7	5.54	- 4.67	1.05	19	12	- 0.4	4.1	+ 0.7	0	0	2	0	11	3	2	0	12	0	0	2	0	16	4	2	1	5				
6.2	- 1.2	7.0	5.79	- 4.73	1.75	26	9	- 3.4			0	2	4	3	3	8	1	0	9	0	5	6	4	6	3	1	2	2				
8.2	+ 1.1	9.0	12.25	+ 1.92	5.71	27	13	+ 0.8	4.0	- 1.0	0	4	1	7	10	3	0	0	5	1	3	2	6	8	1	0	1	8				
6.9	+ 0.3	8.7	7.70	- 1.81	1.87	26	10	- 1.7	5.2	- 0.1	1	3	8	7	2	2	6	1	0	3	6	8	5	0	2	4	1	1				
8.6	+ 1.0	7.6	7.80	- 1.87	1.51	22	10	- 2.3	2.5	- 1.2	0	1	6	1	10	1	0	0	11	0	0	9	4	6	0	1	0	10				
8.6	+ 1.2	7.2	21.88	+ 8.84	6.92	24	18	+ 3.5	3.0	+ 0.6	0	0	14	10	3	0	3	0	0	0	1	15	8	2	0	2	0	2				
8.5	+ 2.2	7.3	19.65	+ 9.83	6.61	18	10	- 1.5	4.4	- 1.0	0	7	9	4	6	1	0	0	3	1	4	8	8	5	2	0	1	1				
8.4	+ 0.9	7.1	9.76	- 3.88	3.89	12	16	+ 1.9	3.4	+ 0.4	1	7	13	5	0	0	0	4	0	10	13	3	0	0	0	0	4					
8.1	+ 2.1	6.7	18.17	- 12.77	2.97	16	17	- 2.1	4.6	+ 2.5	2	7	18	1	0	1	0	1	0	4	15	6	3	0	0	1	1					
7.6	+ 0.8	7.8	10.41	+ 1.24	3.35	24	15	+ 3.9	5.8	+ 1.0	2	0	1	0	5	12	1	3	6	0	1	2	8	8	5	1	1	4				
7.6	+ 0.3	6.6	4.89	- 3.85	1.64	21	10	- 1.3	7.3	- 0.7	1	0	0	1	6	18	6	0	3	1	0	1	9	9	4	4	2	0				
8.0	+ 1.4	7.6	9.01	+ 1.55	3.39	22	9	+ 0.9	13.2	+ 1.1	4	1	2	1	2	11	7	2	0	0	2	0	1	9	13	5	0	0				
6.9	+ 1.3	6.3	3.03	- 2.43	0.58	29	9	+ 1.4	12.6	+ 2.0	2	0	0	3	6	13	2	3	1	2	0	0	1	11	15	0	0	1				
7.9	+ 0.8	7.4	3.86	- 6.59	0.83	22	10	- 1.4	4.9	+ 1.9	3	0	2	1	4	7	9	3	1	2	0	1	2	9	7	4	3	2				
7.0	- 0.2	7.8	4.65	- 3.89	1.02	24	13	+ 1.4	6.9	+ 1.7	1	0	1	0	2	2	5	4	15	3	0	3	2	3	5	8	4	2				
7.5	+ 1.0	8.6	6.45	- 3.64	1.52	19	7	- 3.7	6.2	+ 2.2	0	0	0	0	8	11	0	0	11	2	2	0	0	6	9	3	1	7				
6.4	- 0.4	8.5	11.48	+ 3.97	6.26	26	9	- 1.7	5.0	+ 0.4	0	2	6	1	1	2	12	2	4	2	3	8	2	1	3	8	3	0				
9.0	+ 2.6	9.4	3.77	- 4.02	1.82	23	9	- 1.7	3.2	+ 0.5	0	2	0	2	1	14	2	0	9	4	6	0	0	4	8	2	2	4				
4.6	- 1.6	7.8	5.46	- 3.13	1.69	22	6	- 5.4	5.2	- 0.3	1	0	0	1	18	5	5	0	5	2	2	2	10	2	1	5	4					
6.8	- 0.3	8.6	6.02	- 2.31	1.67	25	9	- 1.7	5.4	- 1.4	1	0	0	1	7	7	4	4	6	5	6	2	3	2	2	1	8	1				
5.7	+ 1.8	8.2	9.53	+ 3.51</td																												

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.)

STATION.	Height of bar. & stern above mean level in feet.	Pressure reduced to 52°F and standard gravity, millibars.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %				
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean	Departure from normal.	Highest.	Date.	Mean	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
U. P., East																							
Gonda	360	987.7		983.0	101.9	+ 4.1	112	6	81.2	+ 1.2	79	17	85.3	100.5	77.4	79.7	28.4	- 0.8	25.0	70	- 2	40	
Gorakhpur	254	990.6	- 0.8	986.5	98.6	+ 1.7	108	4	81.2	+ 2.0	75	25	85.9	97.9	79.1	79.8	30.7	+ 0.3	26.5	73	- 3	45	
Benares	250	989.9	- 0.8	985.9	101.2	+ 3.3	112	5, 15	85.1	+ 3.1	78	25, 27, 29	90.5	12.4	80.5	81.7	30.9	+ 3.0	27.6	65	+ 1	42	
Allahabad (Bamrauli)	322	987.5	- 0.6	983.6	105.4	+ 2.7	114	4 days	84.5	+ 1.6	77	22, 29	90.7	103.0	76.7	76.8	25.0	- 2.9	19.6	53	- 6	32	
Fatehpur	375	985.8		982.1	105.9	+ 2.9	116	13	85.2	+ 2.3	80	27	90.9	102.5	76.8	80.0	25.1	- 2.7	24.7	51	- 14	38	
Cawnpore	413	984.5	- 0.4	980.2	106.3	+ 3.6	115	15	84.8	+ 1.8	76	29	90.3	104.0	76.7	78.5	25.2	- 1.0	21.6	54	- 7	33	
Lucknow	371				105.6	+ 5.4	114	6, 11	82.8	+ 1.1	77	22, 27	90.2	102.1	79.0	79.5	28.8	+ 1.3	24.1	59	- 5	37	
Bahrain	407	984.9	- 0.6	980.7	102.1	+ 3.4	112	6	79.2	- 0.8	74	3, 5	86.1	100.7	79.7	83.0	31.7	+ 2.8	30.5	75	+ 5	49	
U. P., West																							
Jhansi	824	971.5	- 0.4	967.5	106.0	+ 2.0	116	14	83.5	- 1.0	75	29	94.0	101.3	73.5	74.8	18.8	- 5.5	17.1	46	- 7	30	
Agra	553	980.0	- 0.2	976.2	108.0	+ 4.0	115	4 days	84.5	+ 1.0	78	29, 30	92.2	103.9	81.1	82.7	31.1	+ 3.5	28.5	64	+ 16	44	
Maiupuri	616	980.3	- 1.0	976.6	108.3	+ 3.6	117	15	83.9	+ 1.1	75	29	90.4	105.5	76.2	78.2	24.5	- 1.3	20.3	52	- 4	30	
Aligarh	615	977.5		973.9	107.2	+ 5.0	115	4 days	83.5	+ 0.9	78	1, 19	90.4	104.4	73.8	76.5	20.9	- 3.3	18.4	44	- 15	27	
Bareilly	568	979.0	- 1.1	974.7	106.4	+ 6.2	114	15	83.3	+ 2.9	79	25	89.7	104.1	75.8	76.4	24.0	- 3.8	18.5	52	- 15	28	
Roorkee	899	968.1	- 1.0	963.9	106.0	+ 5.8	113	15	80.1	+ 1.3	73	24	87.4	103.4	74.7	75.0	22.6	- 1.0	16.3	52	- 8	25	
Dehra Dun	2,239	925.3	- 0.5	921.6	98.7	+ 5.0	106.6	15, 16	76.8	+ 2.2	71	4 days	85.1	96.2	70.5	72.4	18.9	- 2.7	16.2	49	- 14	34	
Punjab, E. and N.																							
New Delhi	714	973.9	- 1.1	970.2	107.1	+ 4.7	116	17	83.4	+ 0.9	74	18	89.0	107.7	72.7	74.5	19.9	- 4.1	14.1	45	- 11	26	
Hissar	725	974.1	+ 0.3	971.7	106.8	+ 1.2	2117	13	80.9	- 1.3	68	19	86.5	101.0	74.1	79.5	23.1	- 0.7	22.8	55	+ 1	35	
Ambala	892	968.3	- 0.4	964.6	108.6	+ 5.0	117	15	81.7	+ 1.0	73	18	88.8	105.1	78.3	74.7	20.9	- 2.0	15.4	47	- 3	23	
Ludhiana	812	971.1	- 0.1	967.7	108.2	+ 3.5	116	4 days					89.7	105.6	73.6	75.7	21.0	- 1.0	16.7	45	- 7	26	
Lahore	702	973.3	- 1.0	970.8	106.5	+ 0.6	115	12, 13, 15	78.9	- 0.1	70	19	86.2	105.6	73.9	76.9	22.9	+ 1.2	18.6	55	+ 5	28	
Sialkot	830	969.4	- 0.9	966.2	108.3	+ 3.3	116	15, 16	82.9	+ 2.6	72	19	90.0	106.6	72.1	76.1	18.7	- 2.8	16.8	41	- 9	23	
Rawalpindi	1,674	942.3	- 0.7	939.1	107.0	+ 3.5	116	27	78.8	+ 2.2	70	19	86.2	104.7	68.3	72.0	15.7	- 2.4	12.7	39	0	20	
Punjab, Southwest																							
Khushab	612	976.0	- 1.1	975.2	109.7	+ 3.1	117	15, 16	80.5	- 1.8	70	1, 8	90.0	108.7	71.7	75.3	17.8	- 2.9	14.3	40	- 6	19	
Lyalipur	605	976.2	- 0.4	973.4	107.4	+ 1.4	115	12	80.7	- 1.0	74	1, 19, 29	88.2	106.5	72.9	75.0	20.6	- 0.7	15.3	47	- 1	21	
Montgomery	558	977.6	- 1.0	975.3	107.0	- 0.8	115	12, 14	80.0	- 3.6	70	8	86.0	105.4	73.1	77.5	21.9	- 4.8	19.4	53	- 6	27	
Leiah	490	980.0		977.2	111.2		118	4 days	81.6		68	8	89.4	108.9	75.5	81.1	25.1		22.7	50		28	
Multan	418	982.7	- 0.3	980.7	109.9	+ 3.3	118	12	83.8	- 1.0	74	8	87.4	108.4	77.1	83.2	27.0	+ 0.2	24.0	62	+ 4	34	
Fort Abbas	475	981.4		978.3	109.6		118	12, 13, 14	81.8		76	29	90.1	107.5	79.8	85.6	29.9		31.8	63		41	
Bahawalpur	384	984.5	+ 0.1	981.4	108.9	+ 0.5	116	12	83.7	+ 0.2	74	8	87.9	108.2	76.0	79.3	25.2	- 2.7	20.9	57	- 1	27	
Khanpur	297	987.4	- 0.3	984.0	110.7	+ 0.9	119	12	83.5	+ 0.5	77	8, 11	87.5	110.2	80.7	91.8	32.6	+ 6.2	42.4	74	+ 14	48	
Kashmir																							
Srinagar	5,205	836.1	+ 0.1	833.5	87.8	+ 2.4	100	27	57.2	- 0.1	50	4 days	66.3	83.4	60.3	66.4	15.3	- 1.6	15.2	71	- 7	43	
Gulmarg	8,709	738.5	+ 1.2		66.4	- 1.4	84	27	43.7	- 1.5	37	1	58.1		51.0		14.0	- 2.6	66	+ 5			
Dras	10,059	703.4	+ 1.4	701.8	67.6	- 2.7	80	27	42.9	+ 0.1	37	9	51.4	65.1	46.4	52.6	9.2	+ 0.3	9.7	71	+ 8	47	
Leh	11,529	607.4	+ 1.8	604.4	68.9	- 2.4	84	28	42.8	- 2.0	35	9, 10	50.3	66.7	40.6	47.8	5.8	- 0.3	5.2	46	- 1	24	
Skardu	7,505	709.6		766.7	80.9	- 0.4	95	29	52.2	- 3.9	41	7	57.5	74.6	51.5	55.9	10.8	+ 0.2	8.6	68	+ 12	32	
Gilgit	4,890	847.5		843.9	93.5	+ 2.2	106	26, 27	63.1	- 3.2	48	7	69.8	87.4	60.1	63.9	13.7	- 0.7	11.4	57	0	27	
Misgar	10,190	700.9		697.3	68.9		83	26, 27, 28	48.2		37	7	52.6	64.9	42.1	46.0	6.0		4.9	46		25	
N.-W. F. Province																							
Peshawar	1,164	958.7	- 0.9	955.2	106.3	+ 1.3	116	26	79.5	+ 2.3	70	1	83.8	105.5	67.8	72.4	13.7	- 3.1	12.1	32	- 7	17	
Bannu	1,264	954.5		951.9	106.7	+ 0.6	116	27	80.7	+ 1.0	68	1	87.9	105.4	70.3	72.1	17.3	+ 2.7	11.6	40	- 4	17	
Miranshah	3,026	900.6		895.4	101.5	+ 2.6	111	27	75.7	- 1.4	63	3	83.7	99.4	66.7	72.8	15.6	- 0.5	16.9	39	- 8	25	
Dera Ismail Khan	570	977.5	- 0.4	974.4	110.2	+ 2.4	117	15	78.8	- 2.7	71	8, 13	88.5	108.2	74.3	83.4	22.6	- 2.8	27.6	51	- 5	34	
Baluchistan																							
Fort Sandeman	4,614	852.9	+ 0.8	850.1	99.2	0.107		27	72.6	- 0.3	61	2	78.7	95.5	62.2	65.4	12.5	- 0.2	9.3	37	- 18	19	
Loralai	4,609	849.2		846.6	95.8	103		26	67.8		58	1, 2	73.1	93.4	59.1	65.6	11.5		10.3	42		20	
Sibi																							

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10 or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from												STATION.							
Mean 9 hrs. I.S.T.	Departure from normal.	Mean 18 hrs. I.S.T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.						18 hrs. I. S. T.													
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52		
3.6	- 1.9	3.3	7.83	+ 0.52	3.11	26	7	- 1.3	5.0	0	1	1	26	0	1	0	0	0	1	3	4	9	1	2	3	7	1	0	U. P., East	
4.8	+ 0.5	3.7	5.27	- 2.28	2.68	24	5	- 3.3	4.5	+ 1.7	10	9	4	1	0	3	0	2	5	5	6	4	0	0	4	4	2	Gonda		
3.5	+ 1.5	3.7	2.01	- 2.55	0.87	28	5	- 1.0	6.8	+ 2.3	1	9	10	1	1	4	2	2	0	5	2	2	2	0	1	6	12	0	Gorakhpur	
4.3	- 0.4	4.3	1.93	- 3.11	0.67	29	5	+ 0.7	4.9	- 0.4	2	4	4	1	4	4	9	1	1	5	4	1	1	0	5	5	9	0	Benares	
3.7	- 0.8	4.4	0.83	- 2.61	0.28	29	5	- 2.8	0.1	0	0	1	4	3	1	1	7	7	6	2	2	1	0	3	1	2	13	5	Allahabad (Bawali)	
4.0	+ 1.3	3.1	1.87	- 1.82	0.55	26	4	- 0.5	7.8	- 0.4	1	4	3	4	1	3	6	5	3	7	3	1	0	3	2	8	4	2	Fatehpur	
2.8	- 1.8	2.5	2.41	- 2.05	0.93	22	4	- 1.5	0.1	0	0	16	0	3	0	4	1	5	1	0	6	0	2	0	10	1	10	Lucknow		
2.8	- 0.8	3.0	5.51	- 0.69	2.67	26	9	+ 2.9	5.9	+ 2.5	1	1	14	13	0	0	0	1	0	1	3	8	5	1	1	3	3	5	Bahraich	
3.9	+ 0.5	5.8	2.78	- 1.39	1.85	27	6	+ 0.5	6.4	+ 1.4	1	5	0	3	0	11	4	6	0	3	0	1	0	0	2	23	1	0	U. P., West	
3.0	- 0.2	4.6	1.12	- 1.32	0.86	26	2	- 1.8	8.9	- 1.1	3	0	2	0	1	8	7	8	1	4	1	0	2	1	2	7	13	0	Agra	
2.7	- 1.1	9.0	0.51	- 2.13	0.29	27	2	- 1.8	8.9	+ 1.1	1	0	3	3	1	2	10	7	3	1	0	2	3	1	2	11	9	1	Mainpuri	
3.0	+ 0.1	2.9	0.37	- 5.02	0.23	27	2	- 2.6	5.3	- 0.3	6	1	1	5	4	2	6	4	1	8	0	2	1	1	2	5	8	3	Aligarh	
2.9	- 1.2	2.7	0.23	- 5.00	0.16	22	1	- 4.4	5.0	+ 2.1	2	0	8	10	2	1	3	2	2	3	1	7	3	0	0	9	7	0	Bareilly	
4.0	+ 0.4	2.6	0.76	- 3.74	0.54	28	1	- 4.4	4.9	+ 1.7	1	1	0	16	0	1	0	5	6	1	0	0	9	0	0	0	16	4	Roorkee	
3.9	- 0.4	4.2	5.83	- 2.72	3.30	28	6	- 3.4	2.2	+ 0.3	3	1	0	8	3	3	3	4	10	4	0	0	3	3	4	8	4	4	Dehra Dun	
3.6	+ 0.1	4.1	1.26	- 1.77	0.68	27	3	- 1.2	3.1	0	0	7	10	4	2	3	0	2	0	2	4	8	11	0	Punjab, E. and N. New Delhi					
1.6	- 0.3	1.4	2.10	+ 0.84	1.09	19	2	- 0.9	6.4	+ 0.5	1	1	2	1	1	13	8	2	1	1	1	1	4	2	3	10	6	2	Hissar	
3.3	+ 0.6	4.0	2.57	- 0.47	1.91	27	4	- 0.4	4.5	+ 0.6	0	0	0	15	0	2	0	9	4	0	3	0	5	0	4	0	16	2	Ambala	
2.6	+ 0.2	3.1	1.01	- 1.27	0.51	18	3	- 0.5	2.0	- 0.4	0	1	2	7	0	7	0	4	9	0	3	0	2	0	3	1	20	1	Ludhiana	
2.2	+ 0.2	1.3	2.04	+ 0.40	1.16	19	2	- 0.8	2.5	0	2	1	3	2	3	4	3	2	10	1	4	6	6	8	5	6	6	Lahore		
1.6	- 0.2	0.6	4.71	+ 2.32	2.78	28	4	+ 0.5	3.0	+ 0.6	2	10	8	1	2	0	1	6	0	3	1	1	1	18	1	4	1	Sialkot		
1.6	- 0.8	1.6	0.60	- 1.71	0.47	30	1	- 2.3	3.6	+ 1.2	6	6	5	3	0	2	3	1	4	0	2	2	5	3	5	8	3	Rawalpindi		
1.3	- 0.3	2.4	0.81	- 0.60	0.57	30	2	- 0.3	5.2	- 0.5	2	7	4	5	2	3	0	3	4	0	0	0	10	6	8	3	2	Khushab		
1.9	- 0.3	0.9	0.59	- 0.63	0.41	19	2	- 0.1	3.6	+ 0.4	1	3	3	3	4	7	0	3	6	1	0	0	4	4	11	3	4	Lyalpur		
1.3	0	1.7	0.11	- 0.87	0.06	19	0	- 1.6	1.7	- 3.8	0	1	0	1	3	4	6	2	13	0	0	0	5	4	5	6	1	9	Montgomery	
0.4	1.5	0	0	0	0	0	0	5.8	0	2	2	2	5	6	2	2	9	0	0	1	4	7	5	6	2	5	0	Leiah		
2.0	+ 1.0	0.9	0.25	- 0.30	0.25	20	1	0	4.5	+ 1.9	5	1	1	0	16	2	1	1	8	1	1	1	2	7	12	0	3	3	3	Multan
1.9	2.7	1.01	0.76	29	2	10.3	1	1	2	1	1	20	2	2	0	4	1	2	1	7	8	6	1	0	0	10	1	0	Fort Abbas	
1.5	+ 0.2	0.5	0.18	- 0.10	0.18	20	1	+ 0.4	5.8	+ 0.6	0	1	1	0	10	12	1	1	4	1	1	0	0	1	21	4	2	Bahawalpur		
0.3	- 0.9	0.3	0	- 0.26	0.26	0	- 0.6	6.4	- 1.8	0	2	0	0	0	25	0	6	3	0	3	0	0	0	22	0	1	4	Khanpur		
2.6	- 0.2	5.3	0.76	- 0.64	0.20	30	4	+ 0.6	2.7	+ 0.1	3	3	0	8	1	0	2	7	6	2	3	1	2	2	4	3	9	4	Srinagar	
2.0	- 1.4	1.54	- 2.10	0.45	20	3	- 4.8	4.1	- 0.2	1	8	6	3	0	1	1	1	9	1	1	1	0	0	1	21	4	2	Gulmarg		
2.0	- 0.8	3.4	0.47	- 0.21	0.17	30	3	+ 1.0	2.2	- 2.7	0	0	0	0	0	0	0	0	80	3	0	0	0	1	1	1	13	11	Dras	
4.2	+ 0.3	5.4	0.09	- 0.15	0.01	2,3,9	0	- 0.7	3.7	- 1.2	1	3	1	2	4	5	1	0	13	1	1	1	0	1	1	9	8	6	Leh	
2.2	- 1.0	2.8	1.29	+ 1.05	0.83	7	3	- 2.3	4.4	- 0.1	0	0	0	0	0	1	0	0	29	0	0	0	1	5	4	3	0	17	Skardu	
3.1	+ 0.1	4.6	1.50	+ 1.23	1.23	7	3	+ 1.7	0.8	- 0.2	0	0	0	0	0	1	0	0	29	0	0	3	2	0	1	0	1	23	Gilgit	
3.2	4.7	0.46	0.15	7	3	5.4	0	3	4	1	0	0	2	4	0	2	2	18	1	2	11	5	0	0	0	8	1	2	Misgar	
1.1	- 1.0	2.6	0.32	+ 0.01	0.28	1	1	+ 0.1	4.5	+ 2.0	3	1	2	4	1	2	4	6	7	4	8	9	0	0	3	2	4	0	0	Peshawar
1.1	- 0.6	2.4	1.68	+ 0.77	1.40	29	2	+ 0.5	4.6	1	0	7	0	1	0	11	0	10	0	1	15	6	8	0	0	0	0	0	0	Bannu
0.1	- 1.1	2.7	0.30	- 0.61	0.30	2	1	- 0.6	6.6	+ 0.6	0	0	1	0	0	0	4	0	25	3	2	17	4	1	0	0	2	1	1	Miranshah
0.6	- 0.8	1.6	0.26	- 0.35	0.26	19	1	- 0.3	3.3	+ 1.2	4	9	2	2	1	2	3	1	6	0	8	3	3	5	5	0	0	6	Dera Ismail Khan	
0.8	- 0.1	2.9	1.49	+ 0.85	0.76	29	2	+ 0.7	3.9	+ 0.7	0	1	2	1	0	1	1	0	24	0	4	7	2	0	3	5	3	6	Baluchistan	
0.9	3.8	0.12	- 0.23	0.10	28	1	+ 0.9	5.5	0	0	0	0	0	2	19	3	6	1	1	3	3	7	8	4	2	1	1	Loralai		
1.5	+ 0.9	2.0	1.38	+ 1.08	1.38	29	1	+ 0.5	7.0	+ 1.4	1	0	1	3	6	2	5	3	9	1	0	1	8	12	5	2	1	0	Sibi	
0.5	- 0.1	2.																												

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.)

STATION.	Height of bar. eastern sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.		Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.		Relative humidity %			
		Mean 9 hrs. I. S. T.	Departure from normal	Mean 18 hrs. I. S. T.	Mean	Departure from normal	Highest.	Date.	Mean	Departure from normal	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Sind Jacobabad*	166/188	991.0	+ 0.3	987.5	110.6	- 3.9	120	12	83.4	- 1.5	77	8	87.1	108.9	77.0	79.9	27.1	- 1.6	21.5	63	+ 2
Sukkur	221	989.9	- 0.1	986.3	109.1	0.117	12, 13	82.4	- 1.0	76	20	84.9	107.8	77.7	82.6	29.3	+ 0.9	26.6	72	+ 3	
Pad Idan	150	992.1		989.3	111.2		119	12, 13	81.4		73	7	86.2	110.3	76.7	76.6	27.1		16.0	63	
Umarkot	55	997.1		993.2	105.1		114	11	80.7		77	10, 11	85.6	103.8	79.6	92.6	31.8		28.4	75	
Hyderabad	96	995.7	+ 0.4	992.9	105.8	+ 1.3	118	12	82.1	+ 0.1	76	10	86.0	101.4	79.9	80.9	31.2	+ 3.0	26.6	73	+ 5
Karachi (Manora)...	18	999.6	0	997.5	89.9	- 0.5	92	15, 16	88.0	+ 0.7	80	10	84.2	87.9	80.7	82.4	34.2	+ 0.6	35.3	85	- 1
Badin	31	999.1	+ 0.4	996.1	101.9	+ 0.9	114	12	80.6	- 1.4	77	9, 10	84.4	99.0	78.9	80.8	31.2	+ 0.1	26.8	78	+ 2
Rajputana, West																					
Sri Ganganagar	580	978.0		974.9	107.7	+ 0.8	118	12, 14	80.3	- 1.0	70	20	89.5	106.5	72.7	75.2	19.7	- 1.6	15.5	44	- 5
Bikaner	734	978.8	- 0.1	970.1	106.8		117	13	83.7		72	21	88.1	104.7	78.0	80.7	28.1		24.7	62	
Phalodi	789	973.3		969.9	104.3		115	12, 18	82.1		69	1	85.9	103.6	76.7	78.5	27.5		21.8	67	
Jodhpur	786	975.1	+ 1.1	971.3	100.4	- 3.2	114	11, 12, 13	82.9	+ 0.6	74	1, 29	86.9	102.4	74.2	75.5	28.4	- 1.3	17.8	56	- 7
Barmer	638	978.4	0	974.7	108.8	+ 0.4	116	12	81.7	+ 1.4	74	1	85.0	103.6	76.6	77.5	27.4	- 1.5	20.8	69	- 4
Rajputana, East																					
Jaipur	1,431	952.1	- 0.3	948.8	103.1	0.118	13, 14	80.1	- 0.3	70	18	87.2	98.9	73.9	75.1	22.4	+ 0.2	18.8	53	+ 1	
Ajmer	1,593	946.8	- 0.7	943.5	101.1	+ 0.7	110	12, 13	82.6	+ 0.7	73	29	86.2	97.8	73.4	73.0	22.2	- 2.0	16.3	56	- 3
Kotah	848	971.4	- 0.3	968.0	105.2	+ 0.4	118	13	84.7	- 0.4	76	30, 29	89.7	100.8	74.7	76.0	22.5	- 0.7	19.2	50	0
Brijnagar	1,053	964.7	- 0.4	961.4	102.1	+ 0.5	115	13	80.1	- 1.1	74	23	86.3	98.0	75.3	76.7	24.9	- 2.8	21.6	60	- 6
Rajsamand																					
Gujarat Deesa (R)	1,850	989.0		986.3	96.7		110	13	80.0		74	21, 23	83.8	98.9	73.9	75.0	24.0		21.4	63	
Bhuj	343	990.1	+ 0.5	986.9	96.4	- 0.9	111	12	80.5	+ 0.8	75	30	83.3	93.9	77.9	77.8	29.8	- 0.1	29.1	78	+ 5
Dwarka	37	1001.1	+ 0.2	999.1	89.3		91	4 days	82.4		79	17	83.6	87.1	79.6	80.7	32.3	- 0.3	32.5	83	- 2
Jamnagar	60	1000.8	+ 1.1	992.9	94.2	- 1.7	98	8	80.6	+ 0.5	75	17	85.6		79.7		31.8	+ 0.4	76	- 1	
Rajkot	482	987.7	+ 0.1	984.3	98.9	- 0.5	112	11, 12	78.5	+ 0.3	73	30	82.3	94.3	77.8	77.4	30.1	+ 0.9	23.8	83	+ 6
Veraval	26	1002.0	- 0.4	999.7	88.6		90	9 days	80.7		77	3, 16	83.6	86.1	80.3	83.8	28.4		38.1	86	+ 1
Surat	89	1001.8	- 0.3	999.0	92.8		104	10	80.6	+ 0.7	76	30	88.9	89.5	79.3	81.0	31.5	+ 0.7	31.8	81	+ 4
Bhavnagar	55	1000.9	- 0.2	997.5	99.0	- 0.8	110	11	79.9	- 0.3	71	3	88.5	93.4	78.0	79.6	29.9	+ 0.9	27.9	77	+ 7
Ahmedabad	168	997.1	- 0.1	992.7	100.2	- 1.6	113	11	82.2	+ 1.2	78	29, 30	85.2	98.0	78.3	78.7	29.5	+ 0.2	24.1	73	
Dohad	1,093	966.7		962.4	97.0	+ 0.7	112	12	77.9	- 0.6	70	21	80.6	95.5	75.7	76.8	27.8	- 1.0	22.5	79	+ 1
Baroda	115	999.1		995.0	100.8	+ 3.1	114	11	80.1	+ 0.3	76	30	84.8	97.5	78.9	79.6	30.8	+ 1.1	30.6	78	- 1
Central India. West																					
Neemuch	1,626	946.6	- 0.6	943.9	96.2	- 2.2	109	11, 12, 13	78.8	+ 1.0	73	30	82.5	94.4	74.1	74.0	24.9	- 1.3	19.6	65	- 5
Indore	1,823	941.0	- 0.4	937.6	97.4	+ 1.8	110	11	77.6	+ 1.9	72	29	80.5	94.1	72.5	73.2	23.6	- 1.5	18.7	69	- 3
Bhopal	1,643	946.4	- 0.2	943.0	96.6	+ 1.3	111	12, 15	80.1	+ 2.6	70	29	83.9	94.7	72.7	73.7	22.5	- 1.2	19.1	61	- 5
Guna	1,871	947.9	- 0.3	944.6	102.1	+ 1.8	115	14	81.5	+ 2.3	72	29	85.9	96.2	72.4	73.3	21.1	- 1.8	17.9	55	- 4
Gwalior	681	975.6		972.1	106.7		117	15	84.8		73	17	91.6	101.5	78.8	82.3	27.7		29.0	58	
Madhosagar	757	973.1		969.6	106.6		116	13, 14, 15	84.9		72	30	91.5	105.5	74.1	75.2	20.8		15.9	46	
Central India. East																					
Nowrangpur	750	978.8	- 0.5	970.0	105.6	+ 2.8	116	13, 14, 15	83.3	+ 0.6	74	29	90.0	101.7	76.9	79.0	23.5	- 1.7	25.7	56	- 1
Sutna	1,041	963.6	- 0.8	961.3	108.6	+ 3.1	115	14, 15	82.7	+ 0.9	74	29	89.6	98.9	73.6	75.1	21.0	- 2.6	18.8	48	- 7
Umaria	1,506	949.1		945.8	101.5	+ 3.6	114	15	81.6	+ 2.0	73	28, 29	87.1	99.1	72.6	73.0	20.9	- 2.8	16.3	51	- 10
Berar Akola	925	971.4	- 0.1	967.1	101.1	+ 2.1	111	10, 12, 13	80.6	+ 2.3	78	22	84.1	96.8	76.7	78.1	28.0	+ 3.1	24.3	71	+ 4
Amracti C. P., West	1,213	961.5	0	957.3	99.1	+ 0.9	111	13	80.0	+ 2.3	69	20	83.3	95.0	75.4	79.4	26.4	+ 1.5	27.2	67	- 1
Khandwa	1,044	966.6	- 0.5	962.3	101.0	+ 2.2	113	11, 12	81.4	+ 2.6	73	29	84.9	97.9	74.1	74.5	24.2	- 1.0	18.5	63	- 6
Hoshangabad	992	967.3	- 1.0	963.4	100.7	+ 2.0	112	11	81.6	+ 1.9	73	29, 30	85.1	96.6	73.5	75.4	23.0	- 2.0	20.5	59	- 7
Saugor	1,808	989.8	- 0.3	986.7	99.7	+ 1.8	112	14	79.7	+ 1.6	68	29	84.7	98.2	72.0	71.4	21.2	- 1.2	16.6	56	- 4
Jubbulpore	1,289	966.9	- 0.3	953.3	100.9	+ 2.8	113	4 days	83.4	+ 4.8	72	29	87.0	96.4	73.4	74.4	21.9	- 1.1	19.0	54	- 4
Soni	2,027	983.5	- 0.2	980.6	97.7	+ 2.6	109	12	77.3	+ 2.0	71	23, 25, 29	83.3	89.3	72.6	73.3	22.6	- 0.1	20.9	62	- 1
Nagpur C. P., East	1,022	966.9	- 0.3	963.2	101.7	+ 2.2	112	13, 14	81.2	+ 1.6	73	26	85.3	94.3	74.3	76.0	23.7	- 1.1	22.2	61	- 2
Pendra	2,040	982.3	- 0.2	979.2	97.4	+ 4.3	110	15	78.6	+ 2.9	70	29	85.5	91.5	74.3	75.0	24.0	+ 0.5	22.3	61	- 4
Champa	878	978.4		969.2	103.1		115	13, 14, 15	82.7		75	4 days	88.0	98.2	75.1	75.3	23.8		19.4	58	
Raipur	970</td																				

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0°10' or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from												STATION.							
Mean Ghrs. I. S. T.	Departure from normal.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.						18 hrs. I. S. T.														
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
2.2	+1.5	0.5	1.38	+ 1.12	1.38	20	1	+ 0.7	5.8	+ 1.8	4	0	5	7	13	0	0	1	0	0	0	0	12	10	5	2	1	0		
1.5	+0.9	0.5	0.04	- 0.10	0.04	20	0	- 0.5	4.2	- 0.6	1	1	1	7	9	11	0	0	0	0	0	0	6	13	8	3	0	0		
1.5	1.0	0	0	0	0	0	0	0	9.0	0	0	1	1	14	13	1	0	0	0	1	1	0	13	6	0	1	0	8		
2.4	1.7	0	0	0	0	0	0	0	12.2	0	0	0	0	10	18	2	0	0	0	0	0	0	0	3	15	10	2	0	0	
2.0	-0.5	0.9	0	- 0.39	0	0	0	- 0.6	11.3	+ 0.1	0	0	0	1	2	17	9	1	0	0	0	0	0	5	21	4	0	0	0	
6.0	+0.4	4.2	0	- 0.72	0	0	0	- 0.6	13.0	+ 0.3	0	0	0	0	0	11	16	3	0	0	0	0	0	0	17	13	0	0	0	
8.5	-0.4	3.4	0.16	- 0.49	0.16	22	1	+ 0.2	10.8	0	0	0	0	1	18	11	0	0	0	0	0	0	0	0	19	11	0	0	0	
1.2	+0.8	1.4	3.46	+ 0.47	1.64	28	4	+ 1.3	6.5	- 2.0	2	1	4	1	3	13	2	3	1	1	1	1	1	2	10	4	8	2		
1.6	0	1.9	2.01	+ 0.80	0.97	29	3	+ 0.8	7.1	- 0.4	1	2	0	0	0	22	1	3	1	1	2	0	1	0	15	1	7	3		
1.9	2.1	3.81	+ 2.89	3.84	22	2	+ 0.4	12.2	0	0	1	0	4	16	6	3	0	1	1	0	6	14	2	1	4					
2.6	-0.9	8.0	0.64	- 0.78	0.51	29	2	- 0.1	9.4	- 3.2	1	1	0	0	1	15	9	3	0	1	1	0	1	12	10	4	0			
8.1	-0.7	1.6	0.27	- 0.88	0.19	29	1	- 0.5	7.8	- 0.4	0	1	0	0	8	17	7	2	0	1	0	1	1	4	18	5	0	0		
2.9	+0.2	4.3	2.63	+ 0.39	1.94	18	4	+ 0.1	6.2	+ 0.3	1	1	1	0	0	3	14	9	1	2	2	0	1	1	4	13	7	0		
2.6	-0.2	3.0	2.24	- 0.19	1.95	29	2	- 0.7	9.7	+ 2.4	1	1	0	0	0	10	16	2	0	1	1	2	1	0	6	17	2	0		
3.0	-0.1	5.6	6.58	+ 3.94	4.77	29	6	+ 1.9	5.0	0	0	1	0	0	2	5	17	4	1	0	1	0	0	0	10	11	5	3		
3.4	-0.5	5.1	12.46	+ 8.02	9.92	29	7	- 0.1	7.7	+ 1.4	0	1	1	0	2	2	22	2	0	0	2	2	0	0	2	17	6	1		
8.0		5.9	6.04	4.13	3.0	30	4		8.2		0	0	0	2	0	13	8	6	1	0	0	1	2	2	8	10	6	1		
5.0	-0.1	4.1	3.47	+ 2.09	2.59	17	3	+ 1.1	10.6	- 1.1	0	0	0	0	3	16	7	4	0	2	0	0	0	1	18	7	2	0		
6.5	+1.1	5.9	0.62	- 1.39	0.28	17	2	- 0.8	13.7	+ 0.6	1	0	0	0	0	12	17	0	0	0	0	0	0	0	15	13	2	0		
7.2	+2.4	6.37	+ 4.30	5.35	30	4	+ 1.0	7.1	- 7.7	0	0	0	0	0	11	11	0	8												
4.3	-2.0	5.2	11.88	+ 7.73	5.50	16	6	+ 1.2	14.6	+ 2.9	0	0	0	0	3	14	10	3	0	0	0	1	0	1	9	11	8	0		
5.7	-0.2	5.5	4.68	+ 0.02	3.42	16	5	+ 1.1	16.4	0	0	0	1	1	7	15	6	0	0	0	0	0	0	0	10	18	2	0		
7.6	+0.5	6.1	6.92	- 1.70	2.79	30	10	+ 2.0	7.7	+ 0.3	0	0	0	2	6	15	3	2	0	0	0	0	1	4	22	3	0	0		
5.5	-0.8	5.7	5.84	+ 1.94	1.82	3	7	+ 2.3	8.1	+ 0.2	0	0	0	0	12	14	3	0	1	0	0	1	3	10	12	4	0			
4.3	-1.7	4.9	3.30	- 0.36	1.66	30	4	- 0.7	5.4	- 0.1	0	0	0	0	5	14	6	4	1	1	0	0	2	5	10	6	4	2		
5.5	-1.3	4.8	10.24	+ 6.71	6.55	21	4	- 1.0	18.7	+ 8.6	0	0	0	0	0	14	16	0	0	0	0	0	0	0	11	18	1	0		
4.7	-1.1	3.8	4.45	- 1.96	3.06	30	5	- 1.7	6	- 0.6	0	0	0	0	4	18	8	0	0	1	1	0	1	1	16	7	3	0		
4.1	0	6.3	10.07	+ 5.84	5.65	30	2	- 2.8	10.5	+ 1.1	0	1	0	0	0	11	16	2	0	0	4	0	0	0	13	9	3	1		
4.8	-1.0	6.1	2.42	- 3.38	1.05	29	5	- 2.3	6.8	+ 0.7	0	0	0	0	0	8	20	2	0	0	3	0	0	1	8	12	6	0		
5.3	+0.2	7.5	10.04	+ 3.21	4.76	29	9	- 0.4	7.1	+ 1.3	0	0	0	0	1	7	16	5	1	0	2	2	0	0	6	13	6	1		
4.3	+1.1	7.5	13.24	+ 7.21	7.54	29	10	+ 2.8	7.6	+ 0.4	1	0	0	0	1	6	16	4	2	2	9	2	0	0	3	4	10	8	0	
8.4	4.2	2.89	1.60	17	6				5.7		1	0	0	1	1	7	11	5	4	3	0	1	0	1	8	9	8	0		
4.1	5.8	3.67	2.58	28	5				9.9		2	0	1	0	1	8	13	3	2	3	2	1	1	5	3	11	4	0		
5.0	0	5.4	2.24	- 3.20	1.06	24	6	- 0.1	5.8	+ 2.2	0	1	0	1	2	14	8	2	2	5	1	3	0	0	9	5	7	0		
4.5	-0.5	5.7	7.15	+ 1.61	3.19	28	8	+ 1.7	5.6	- 0.1	0	0	1	1	0	14	6	3	5	1	2	1	1	0	10	1	13	1		
6.3	-0.1	7.0	6.17	- 0.95	2.43	27	9	- 1.0	4.9	+ 0.5	1	0	0	1	4	10	9	2	3	4	2	1	1	1	4	9	7	1		
3.4	-2.5	3.3	3.02	- 2.51	0.86	21	6	- 2.1	9.3	+ 1.6	1	1	0	0	1	2	10	15	0	2	2	0	0	2	0	3	21	0		
6.1	+0.4	7.5	4.82	- 1.73	1.37	24	7	- 1.7	10.5	+ 3.1	0	0	0	0	3	12	14	1	0	0	1	0	0	0	15	0	14	0		
4.5	-0.7	7.5	1.75	- 3.85	0.46	28	6	- 1.0	9.2	+ 1.0	0	0	0	0	1	4	20	5	0	2	2	0	0	1	7	14	4	0		
4.1	-1.4	6.0	13.34	+ 7.47	4.25	29	10	+ 1.8	4.8	+ 0.9	0	0	0	0	7	9	11	1	2	0	1	0	1	7	8	10	1	2		
6.3	+1.6	6.1	12.68	+ 6.49	6.22	28	7	- 1.1	8.9	+ 3.0	1	1	0	0	3	11	12	2	0	3	1	1	1	4	7	8	5	0		
5.7	+0.8	7.1	13.20	+ 6.17	5.19	28	10	+ 1.2	6.0	+ 2.4	0	0	1	1	3	14	7	0	4	5	1	0	1	3	4	12	3	1		
6.4	+1.0	8.4	12.88	+ 3.77	2.22	27	13	+ 1.9	4.9	+ 0.5	1	0	0	0	4	14	8	2	1	7	0	3	0	7	7	3	2	1		
6.8	+0.8	8.0	12.00	+ 3.18	3.40	21	11	+ 0.8	5.9	- 1.1	0	0	0	0	3	11	10	5	1	3	1	1	1	6	5	5	8	0		
6.2	+0.8	6.6	8.04	+ 0.11	3.06	27	10	- 1.7	6.1	+ 1.2	1	0	0	3	6	5	4	3	8	3	1	0	4	7	4	1	5	5		
4.3	5.2	3.80	1.51	27	9				7.7		0	0	2	1	5	10	11	1	0	6	2	0								

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.

Cloud amount (tenths of sky).		Rainfall, inches.				Number of rainy days (0-10 or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																		STATION.		
Mean 9 hrs. I. S. T.	Departure from normal.	Total of the month.	Mean 18 hrs. I. S. T.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm		
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	
7.5	6.7	17.76	4.18	16	14		11.9			0	0	1	8	4	5	10	0	2	0	0	0	1	3	11	11	1	0	Konkan		
7.8	+ 0.6	7.1	24.36	+ 5.39	5.88	21	16	+ 1.4	6.6	- 2.8	2	0	1	3	4	11	5	3	1	2	0	0	0	2	11	10	4	1	Dahanu	
7.9	- 0.1	21.18	- 2.41	4.04	16	15	- 1.7	11.6	- 0.9	0	1	4	9	1	10	0	2	3										Bombay		
7.9	8.8	30.02	3.75	22	19		9.0			2	1	1	5	5	7	3	3	8	1	0	0	2	8	9	5	3	2	Alibag		
7.3	+ 0.2	7.1	26.00	- 4.44	6.11	20	19	- 1.5	8.7	+ 1.1	3	2	0	5	4	10	4	2	0	0	1	1	1	6	13	2	6	0	Harnai	
3.1	8.5	24.24	6.53	20	22						1	2	4	3	2	12	5	1	0	0	0	0	3	6	12	7	2	0	Ratnagiri	
7.1	- 0.7	7.4	20.36	+ 2.73	6.42	12	22	- 1.0	12.9	+ 4.8	0	3	0	2	5	5	13	2	0	0	0	0	0	9	7	11	3	0	Devgad	
3.3	8.5	40.75	+ 0.07	6.02	13	23	- 0.9	4.2		0	1	6	6	3	4	7	1	2	2	0	1	3	6	3	12	3	0	Marmagao		
																													Honavar	
4.6	5.8	0.80	- 4.30	0.41	29	3	- 4.3			0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	30	0	0	Bombay Decean	
3.0	+ 0.4	7.0	2.66	- 1.69	1.77	5	4	- 2.7	9	- 0.4	0	1	0	0	0	5	22	2	0	0	4	1	0	1	3	14	7	0	Jalgaon	
3.6	+ 1.0	7.3	1.88	- 3.35	0.69	5	7	- 0.5	7.6	- 0.7	0	2	0	2	0	13	0	13	0	0	1	0	0	0	18	0	9	2	Malegaon	
7.1	+ 0.4	7.9	1.09	- 2.50	0.40	16	7	- 0.3	5.0	- 4.8	1	0	0	0	0	3	22	0	4	0	0	1	0	0	2	25	0	2	Ahmednagar	
3.0	+ 1.8	8.0	3.34	- 1.10	1.33	11	4	- 2.5	8.0	- 1.7	1	1	0	0	0	25	0	0	3	2	0	0	1	0	21	5	1	0	Poona	
7.1	- 0.8	7.3	4.26	+ 1.55	1.63	3	7	+ 1.1	9.4	- 0.4	0	0	0	1	3	9	13	2	2	1	0	0	1	3	8	13	3	1	Miraj	
3.1	- 0.2	6.2	1.62	- 1.40	0.54	20	4	- 1.4	6.1	- 2.5	0	0	0	0	0	12	16	2	0	0	0	0	1	0	12	5	11	1	Bijapur	
7.8	- 0.2	7.3	6.52	- 1.62	0.76	2,14	17	+ 3.1	6.5	+ 0.6	0	0	0	0	1	22	7	0	0	0	0	0	0	0	23	7	0	0	Belgaum	
7.7	+ 1.0	7.4	1.68	- 1.94	0.68	5	6	+ 0.4	11.9	+ 1.1	0	0	0	0	2	12	15	1	0	0	0	0	0	2	12	15	1	0	Gadag	
5.1	- 1.8	6.8	2.51	- 2.39	0.70	5	8	+ 0.3	11.2	0.0	0	0	0	0	0	8	19	3	0	2	0	0	0	2	7	14	5	0	Hyderabad, North	
6.0	7.0	7.63	+ 2.12	1.75	16	10	+ 2.2			0	0	0	1	2	12	13	1	1	2	0	1	0	2	10	13	1	1	Aurangabad		
6.9	+ 1.2	7.7	3.63	- 0.98	1.01	19	9	+ 1.9	1.5	+ 2.4	1	0	0	0	0	15	13	1	0	1	1	0	1	1	9	13	4	0	Purbhani	
6.2	+ 0.5	6.4	8.45	+ 2.64	2.20	19	11	+ 2.3	6.7	+ 0.9	1	0	0	1	2	24	1	1	0	1	1	1	1	3	15	3	2	Bidar		
5.4		6.59		- 2.49		21	9		2.3		3	1	0	0	2	6	6	12	0										Peddapalli	
7.8	+ 2.3	7.7	1.74	- 1.88	0.70	20	5	- 1.0	14.3	+ 4.2	0	0	0	1	0	14	11	3	1	1	1	1	0	0	12	12	3	0	Hyderabad, South	
7.3	+ 0.6	7.0	4.88	+ 0.47	1.02	21	11	+ 4.5	13.0	+ 3.3	0	0	0	0	0	4	21	5	0	2	0	0	2	0	8	15	2	1	Gulbarga (R)	
6.7	+ 0.9	6.8	6.31	+ 0.03	2.16	20	5	- 3.2	9.1	+ 2.0	1	1	0	1	2	3	17	5	0	3	1	0	2	1	4	13	6	0	Hanamkonda	
6.2	7.1	1.87	0.67	9	7		7.6			2	0	0	2	0	1	24	0	1	4	0	1	0	0	0	23	1	1	Khammameth		
8.7	+ 1.0	8.2	1.17	- 1.42	0.51	20	3	- 2.2	8.8	+ 1.1	0	0	0	0	0	13	17	0	0	0	0	0	1	0	7	18	3	1	Mysore	
6.9	- 0.8	7.9	2.85	- 0.76	1.00	8	5	- 4.3	9.3	+ 2.3	1	0	0	1	0	13	13	1	1	1	0	0	0	0	17	11	1	0	Chitaldrug	
8.3	+ 0.4	8.5	0.18	- 2.68	0.14	19	1	- 4.9	12.2	+ 4.0	0	0	0	0	0	9	20	1	0	1	0	0	0	0	5	16	7	1	Hassan	
5.8	- 1.9	6.9	0.23	- 2.23	0.11	1	1	- 4.8	9.2	+ 0.4	1	0	1	0	0	9	17	2	0	0	0	0	0	0	0	10	18	2	0	Bangalore
8.6	+ 0.1	9.3	43.70	+ 6.62	6.55	2	24	- 0.6	5.6	+ 1.5	0	2	16	0	2	4	4	1	1	1	1	1	1	2	7	4	8	2	Mysore	
8.4	- 0.1	7.8	23.19	- 9.89	5.12	8	25	+ 0.9	7.3	+ 1.8	2	9	9	5	1	2	2	0	0	1	1	1	0	0	8	10	9	0	Calicut	
8.3	8.6	7.88	1.16	14	19		6.6			0	0	1	0	0	0	26	3	0	0	0	0	0	0	0	2	28	0	0	Palghat	
8.5	+ 0.5	8.1	22.11	- 6.37	3.14	8	27	+ 2.7	6.6	+ 1.9	0	5	8	4	1	2	5	1	4	2	1	0	3	1	4	8	9	2	0	Cochin
8.6	8.8	19.01	3.01	5	17		7.9			1	3	5	3	0	4	6	4	1	2	0	1	1	1	1	5	7	11	2	Alleppey	
7.2	- 1.1	7.3	13.70	+ 0.52	2.81	7	17	- 0.1	6.2	+ 0.9	12	3	0	0	0	3	9	3	3	3	1	0	0	0	2	7	17	0	0	Trivandrum
4.8	+ 1.2	4.7	0	- 0.15	0	0	0	- 0.3	11.2	- 0.7	0	0	0	1	13	14	2	0	0	0	0	0	3	15	12	0	0	Madras, Southeast		
6.4	- 0.1	6.7	0	- 1.57	0	0	0	- 2.5	6.5	+ 1.6	1	0	0	0	1	5	12	6	5	0	0	0	0	1	11	15	3	0	Pamban	
5.8	+ 0.6	6.0	0.38	- 0.85	0.36	1	1	- 1.2	8.2	+ 1.7	0	0	0	0	2	15	14	1	0	0	0	0	2	7	14	5	1	Madura		
6.9	+ 1.5	7.5	1.34	- 0.28	1.04	1	3	+ 0.6	9.1	+ 1.0	0	0	0	0	1	10	16	3	0	0	0	1	3	2	2	15	7	0	Negapatam	
7.1	+ 1.5	7.4	0.30	- 1.22	0.13	8	1	- 3.2	5.3	- 0.9	0	0	0	0	6	9	4	0	11	0	0	0	6	15	9	0	Trichinopoly			
5.7	- 0.4	7.2	0.87	- 2.26	0.65	2	2	- 3.4	6.8	+ 2.4	0	0	0	0	3	13	12	1	1	0	0	1	0	4	10	12	3	0	Coimbatore	
5.9	+ 0.5	6.8	0.21	- 1.18	0.16	21	1	- 0.6	8.9	+ 3.6	0	0	0	0	2	20	7	1	0	0	0	0	18	0	7	1	1	Salem		
6.8	+ 1.8	8.4	1.05	- 1.72	0.71	2	3	- 1.9	5.5	+ 0.2	1	0	0	0	1	7	12	8	1	2	0	0	1	2	9	9	7	0	Cuddalore	
6.3	+ 0.3	6.9	0.80	- 1.06	0.55	15	2																							

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of barometer above mean sea level in feet.	Pressure reduced to 32° F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.				Relative humidity %		
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean	Departure from normal.	Highest.	Date.	Mean	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Madras Coast, North																								
Nellore	... 66	1002.3	0	998.1	108.8	+ 2.4	108	6, 13	83.7	+ 1.4	78	30	89.0	99.1	76.8	79.5	25.6	- 0.2	25.1	56	- 3			
Ongole (R)	...																							
Masulipatam	... 10	1003.2	0	998.9	99.8	+ 1.6	107	6	82.7	+ 2.0	77	20, 21	86.7	96.0	79.0	81.0	30.0	- 0.5	28.9	70	- 4			
Cocanada	... 26	1001.7	- 0.3	997.9	99.5	+ 2.7	109	7, 17	81.5	+ 0.6	74	24	86.4	97.1	79.3	81.8	30.6	+ 0.2	29.5	73	- 2			
Vizagapatam	... 126	997.2	- 0.5	994.3	94.5	+ 2.9	107	7	83.3	+ 2.6	78	1, 8	87.8	89.6	78.5	79.8	28.4	- 1.7	29.9	65	- 10			
Calingapatam	... 19	1000.4	- 0.4	997.5	96.1	+ 3.2	107	7	82.4	+ 2.0	78	1, 3, 26	86.1	87.7	80.0	82.0	31.8	- 0.5	34.4	77	- 1			
Hill Stations, excluding Kashmir and Baluchistan																								
Shillong	... 4,921	844.4	- 0.4	841.7	75.0	+ 0.5	80	12	64.1	+ 1.1	61	1, 2	70.4	70.4	66.6	66.9	20.7	+ 1.1	21.1	82	+ 1			
Cherrapunji	... 4,809	863.5	0	860.9	72.2	+ 0.2	80	10	65.2	+ 0.9	58	5	68.1	69.4	66.9	67.7	22.1	+ 0.9	22.5	95	+ 4			
Aijal	... 3,599	884.4		882.1	78.5		83	3, 10	67.2		62	5, 15	71.2	72.3	69.2	70.1	23.6		24.4	90				
Darjiling	... 7,432	774.5	+ 1.9	771.7	66.5	+ 1.6			55.2	- 1.3			60.8	61.2	59.3	59.7	16.7	- 0.3	16.8	94	- 1			
Kalimpong	... 3,965	878.2	0	871.3	76.7	+ 1.5	81	10, 11, 12	67.3	+ 1.0	62	29	71.3	78.5	69.0	70.7	23.2	+ 0.3	24.5	91	- 1			
Katmandu	... 4,898	860.5		857.9	87.2	+ 2.4	93	8, 14, 16	66.5	- 0.2	61	1, 8	72.5	82.9	68.4	73.9	22.1	+ 0.7	25.0	82	+ 1			
Muktesar	... 7,592	768.1	- 0.7	766.3	76.3	+ 3.1	82	17	60.1	+ 2.1	53	1, 2	64.0	71.6	56.3	59.6	12.7	- 0.7	18.0	65	- 6			
Mussooree	... 6,940	793.4		792.1	79.4	+ 4.3	87	4 days	63.4	+ 2.4	54	18	69.4	75.3	63.0	67.9	17.1	+ 2.7	20.4	72	+ 1			
Simla	... 7,224	778.3	+ 0.2	777.4	76.9	+ 1.8	84	15, 16	62.4	+ 2.3	52	18	69.5	72.7	57.3	59.2	11.6	+ 1.1	12.2	49	- 1			
Murree	... 7,113	780.7	- 0.6	780.1	80.3	- 0.4	89	16	62.4	+ 1.9	54	2	69.5	78.9	55.7	59.7	9.7	- 2.4	10.6	43	- 10			
Wana	... 4,456	854.7		851.9	96.4	+ 1.8	105	26, 27	69.4	+ 1.1	57	1, 2, 8	75.5	98.4	60.3	64.7	11.8	- 1.3	9.0	48	- 1			
Cherat	... 4,272	861.9	- 0.6	860.4	96.1	+ 2.9	108	27	74.9	+ 1.7	62	1	79.5	94.2	61.6	66.8	11.4	- 2.4	11.4	35	- 1			
Parachinar	... 5,678	820.9	- 0.4	819.8	90.6	+ 2.9	102	27	64.2	+ 0.5	58	7	74.9	86.3	58.3	61.8	10.0	- 1.9	9.0	37	- 1			
Drosh	... 4,723	851.4	+ 0.1	847.1	92.3	+ 0.4	105	27	68.4	- 0.1	56	2	78.4	91.0	57.2	61.9	9.6	- 3.7	7.7	37	- 1			
Abu	... 3,945	878.8	- 0.2	872.2	84.7	+ 1.1	96	11, 12	69.7	+ 1.1	68	18	73.9	82.8	66.2	68.6	19.2	0	18.1	74				
Pachmarhi	... 3,528	987.4	0	885.4	90.1	+ 2.3	109	13, 14	74.2	+ 2.2	67	28, 29, 30	77.3	87.3	68.1	70.5	19.7	- 1.0	18.5	65	- 1			
Mahabaleshwar	... 4,584	859.2	- 0.2	856.0	72.4	+ 1.9	84	1, 2	62.7	+ 0.2	68	27	65.3	67.4	64.3	65.8	19.2	- 0.5	20.7	97				
Meroora	... 3,781	883.7	+ 0.3	882.3	72.1	- 0.1	81	3	64.0	+ 0.8	68	9 days	66.0	67.7	65.5	66.5	21.0	+ 0.6	25.2	97	+ 1			
Ootacamund	... 7,364	778.5	+ 0.5	777.1	68.8	- 0.3	74	5	51.7	- 0.7	46	28	55.5	58.9	53.5	55.9	18.2	0	18.8	89	+ 1			
Coonoor	... 5,730	825.8			73.6	+ 1.0	77	5	58.7	- 0.4	52	25	66.1		59.7		15.0	+ 1.2	70					
Kodaikanal	... 7,688	769.7	+ 0.7	768.6	66.0	+ 1.4	70	5	53.7	+ 0.5	51	23	67.7	60.9	54.3	56.3	12.5	+ 0.1	13.1	81	+ 1			
Ceylon																								
Colombo	... 24	1008.7	- 0.2	1006.4	84.3	- 1.7	88	4 days	77.7	+ 0.4	73	7	80.6	88.7	76.3	76.0	29.4	- 0.6	26.9	81	- 1			
Trincomalee	... 24	1006.9	+ 1.0	1003.7	94.4	+ 2.0	98	22	78.7	+ 0.2	72	29	83.7	90.5	76.4	77.0	27.4	- 0.6	25.2	70	- 1			
Hambantota	... 61	1006.1	- 0.5	1003.4	86.5	- 0.2	94	23	76.4	- 0.5	73	4 days	78.8	88.9	76.3	76.6	29.2	0	27.9	88	- 1			
Nuwara Eliya	... 6,170	819.2	- 0.5	812.0	66.1	- 0.1	72	3, 4	55.0	- 0.6	48	3	59.1	60.4	56.8	57.1	14.7	- 0.7	14.3	87	- 1			
Afghanistan																								
Jalalabad	... 1,950	938.0		929.4	104.4	115	27	77.9		70	1, 2	86.0	103.4											
Kabul	... 5,955	816.8		814.4	87.2	+ 0.3	98	26, 27, 28	55.2	- 0.8	42	7	67.3	84.2	58.9	60.4	8.1	- 1.1	9.2	42	+ 1			
Kandahar	... 3,462	890.4		887.4	99.1	106	27, 28	60.4		49	8	69.7	97.7	59.3	69.3	13.0		12.9	54					

(R)—Register not received.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0.10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from												STATION							
Mean 9 hrs. I.S.T.	Departure from normal.	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.						18 hrs. I. S. T.													
24	25	26	27	28	29	30	31	32	33	34	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm		
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	
8.2	+1.2	8.4	1.07	- 0.20	0.54	5	3	+ 0.1	7.1	+ 1.8	9	0	0	0	1	5	10	9	2	1	0	3	5	2	6	9	4	0	Madras Coast, North Nellore	
5.2	-1.4	6.4	1.30	- 2.92	0.58	24	8	- 3.2	10.8	+ 2.8	0	0	0	0	2	1	14	11	2	1	0	0	4	6	4	6	9	0	Ongole (R)	
6.6	-0.4	6.8	1.53	- 3.15	0.60	18	6	- 1.1	9.9	+ 3.8	0	1	0	0	0	17	11	1	0	1	2	0	1	2	11	7	6	0	Masulipatam	
6.8	-1.0	8.0	0.77	- 3.37	0.37	8	3	- 3.5	5.1	- 0.3	0	0	1	0	5	8	6	0	8	0	1	0	0	18	4	4	0	Vizagapatam		
6.5	+0.2	6.6	0.71	- 3.98	0.47	26	2	- 4.3	11.9	+ 3.3	0	0	1	1	10	13	9	2	0	0	0	0	1	12	15	1	1	Calingapatam		
9.2	+1.0	8.6	24.72	+ 6.56	4.77	14	24	+ 4.0	2.8	- 0.5	0	0	3	3	2	1	0	1	20	1	0	1	1	3	5	1	0	18		
9.3	+0.3	8.9	80.84	- 25.21	18.24	14	25	+ 1.0	4.0	- 1.9	0	4	3	3	4	3	1	0	12	0	2	5	0	2	4	1	0	16		
7.8		8.5	12.56		2.36	15	26		5.7		0	0	14	3	3	5	0	1	4	0	0	2	0	4	18	2	3	1	Aijal	
9.2	+0.6	9.1	21.59	- 2.59		16		5.4	+ 1.5		0	0	9	0	1	0	5	0	11	0	0	6	3	0	1	6	0	9	Darjiling	
7.7	-0.1	5.6	20.52	+ 5.97	4.47	25	19	+ 2.6	5.8	- 0.5	0	1	1	6	0	0	0	16	6	0	0	1	27	0	0	0	0	2	Kalimpung	
6.0	-0.7	5.8	6.92	- 2.76	1.24	8	13	- 2.8	1.2	- 0.1	0	0	1	0	1	0	0	0	28	2	0	3	0	0	0	8	4	13	Katmandu	
8.4	-1.7	4.6	1.89	- 5.45	0.69	18	5	- 5.1	10.4	+ 3.9	0	1	3	1	2	6	13	4	0	0	0	1	1	1	8	15	4	0	Muktasar	
2.8	-2.7	3.9	3.39	- 5.39	0.81	28	6	- 4.2	4.8	- 0.7	3	2	2	8	7	1	1	4	2	1	2	0	4	7	6	2	4	3	Mussoree	
3.7	-0.7	5.0	4.57	- 1.97	1.32	29	6	- 3.8	2.7	- 0.4	6	6	3	1	3	3	1	1	6	4	2	0	1	1	6	8	1	7	1	Simla
2.4	-0.4	4.9	2.01	- 1.97	0.65	19	6	+ 0.2	6.9	+ 2.3	2	1	9	3	1	4	1	9	1	1	1	4	4	11	8	1	1	1	Murree	
0.8	-0.2	3.8	0.62	+ 0.19	0.45	19	1	- 0.5	4.6			1	2	5	4	1	2	15		2	12	7	4	1	2	1	1	1	Wana	
0.7	-1.1	2.2	0.21	- 0.98	0.11	1	1	- 1.0	10.1	+ 3.5	21		1	2				6	5	4	4	2					15	Cherat		
0.7	-1.1	4.1	1.77	- 0.23	1.28	28	3	- 1.5	5.2	+ 2.4	6		2	3		4		15	1	3	7	4	9	4	2			Parachinar		
1.1	-0.1	3.9	1.03	+ 0.38	0.70	30	3	+ 1.0	5.7	+ 1.5	11	1	1	1	9		8		6	2	1	8	10	7	1			Drosh		
1.1	-4.5	5.3	17.58	+ 12.93	13.51	30	7	+ 1.2	3.1	- 4.9	3	0	0	0	5	14	4	0	4	2	0	0	0	9	8	8	3	Abu		
7.2	+1.1	7.1	12.21	+ 3.17	3.72	29	10	- 0.8	4.3	- 1.9	0	0	0	0	0	4	18	8	0	2	2	0	0	3	1	12	9	1	Pachmarhi	
8.1	-0.8	8.5	42.81	- 0.38	4.82	25	28	+ 0.8	8.1	+ 2.1	0	2	1	0	0	18	1	6	2	0	2	1	0	1	22	0	4	0	Mahabaleshwar	
8.0	-0.7	7.4	17.87	- 7.63	2.25	14	25	+ 1.8	8.2	+ 2.5	0	0	0	0	0	4	15	10	1	0	0	0	0	0	4	15	11	0	Mercara	
7.5	-0.2	8.6	3.51	- 3.06	0.79	1	9	- 5.1	6.6	+ 1.3	0	0	0	0	0	11	12	0	7	0	0	1	0	0	10	14	1	4	Ootacamund	
8.2	+1.1		1.16	- 1.65	0.45	8	4	- 2.0	6.6	+ 2.4	2	0	0	5	1	0	1	12	9	1	1	0	0	1	1	15	8	3	Coonoor	
7.7	+1.2	8.6	6.93	+ 2.69	2.04	6	8	- 1.9	8.6	- 0.8	0	0	2	0	2	4	11	5	6	1	1	0	0	1	1	15	8	3	Kodaikanal	
6.9	-1.1	7.2	15.40	+ 7.03	3.08	3	18	- 1.0			0	0	2	5	0	9	11	3	0	0	0	0	0	1	13	15	1	0	Ceylon	
4.4	-0.8	5.4	0.67	- 0.27	0.45	2	3	+ 1.4			0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	Trincomalee
6.9	+1.5	5.9	2.62	+ 0.53	0.96	7	6	+ 0.2			0	0	0	0	0	2	26	2	0	0	0	0	0	0	0	0	0	0	0	Hambantota
8.1	-0.4	8.4	9.36	- 0.51	2.73	7	10	- 6.1																						Nuwara Eliya
0.7		1.9	0.00		0.00		0		4.7		2	4	1		5	5	8	5	2	10	11	1	2	2		6	4	8		Afghanistan
0.2	-0.5	2.4	0.61	+ 0.44	0.32	4	2	+ 1.5	+ 4.2	+ 1.7	1	1	3	5	5	8	5	2	10	11	1	2	2		30				Jalalabad	
0.0		0.7	0.00		0.00		0		2.7		15		2		2															Kabul
																													Kandahar	

(B)—Register not received.

e—Mean of 25 days.

f—Mean of 25 days.

TABLE III—ABSTRACT OF OBSERVATIONS RECORDED AT

STATION.	Height of bar. either above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.			Wet bulb temperature °F.			Vapour pressure, millibars.			Relative humidity %				
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
Iran																										
Charbar	...	25	998.7		995.6				82.5	+ 0.6	79	7, 11	84.4	90.9	82.0	86.0	36.2	+ 1.8	40.2	91	+ 13	81				
Jask	...	13	998.9		996.5	95.6	- 0.8	103	27	85.4	+ 2.3	81	1, 4	69.1	94.7	83.1	84.8	36.0	+ 3.4	86.3	77	+ 6	66			
Bandar Abbas	...	29	998.8		995.6	100.1		108	14	82.5		77	5	89.1	98.1	84.2	87.6	37.8		39.8	80		64			
Bushire	...	14			93.6	+ 2.1	104	11	78.8	- 2.0	78	22	66.7	91.1	79.0	83.7	30.4	+ 2.2	36.0	71	0	73				
Ispahan (R)	...	5,817																								
Mesched	...	3,104	895.6		898.2	88.7	- 0.8	97	14, 26	58.0	- 0.8	46	6	73.1	85.6	61.2	66.2	18.6	+ 0.7	14.1	50	+ 1	35			
Seistan	...		947.5		944.1				75.9	+ 1.7	67	3, 4, 5	84.1	101.9	65.6	71.8	13.5	- 2.0	18.6	37	- 3	21				
Arabia																										
Bahrain	...	12	1000.9		999.8	96.6	+ 0.9	105	3	84.5	+ 2.4	77	17	89.3	94.6	81.6	82.3	33.4	+ 2.8	32.0	71	+ 1	58			
Muscat (B)	...	15																								
Sharjah	...	18	998.8		997.2	99.9	+ 4.2	105	28	77.0	+ 0.7	71	5	86.9	96.2	76.1	83.0	24.8	- 2.5	32.6	56	- 8	56			
ADDENDA																										
April, 1945																										
Bushire	...	14							81.8	+ 0.8	99	23	65.2	- 2.2	54	1	71.9	77.6	65.6	70.1	18.5	- 0.1	21.7	71	+ 2	69
May, 1945																										
Bushire	...	14							90.8	+ 1.6	100	9	76.2	+ 0.2	58	1	83.7	88.1	77.3	80.7	29.0	+ 4.7	32.4	76	+ 8	74

(R)—Register not received.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 4TH CLASS STATIONS—JUNE 1945

STATION.	Maximum temperature °F.				Minimum temperature °F.				Mean dry bulb temperature 9 hrs. I. S. T. °F.	Mean wet bulb temperature 9 hrs. I. S. T. °F.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.	Rainfall, inches.				Total in the month.	Departure from normal.	Total in the month.	Departure from normal.	Resultant direction 9 hrs. I. S. T.	Wind velocity
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.										Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23					
Assam Lumding	...	91.9	+ 2.1	95	11, 28				77.2	75.0	23.7	- 1.2	91	+ 7			7.79	- 1.86	1.75	14	14	+ 0.3					
Bengal Pabna	...	92.5	+ 0.9	99	1, 8, 5	77.2	+ 1.6	70	5, 7	82.5	79.9	23.7	+ 0.5	89	+ 4			11.93	+ 0.66	3.03	5	14	- 0.5				
Kashmir Jammu	...	107.1	+ 4.6	115	16	85.0	+ 2.5	75	28, 30	89.0	69.9	16.1	- 4.2	36	- 11	1.5	2.79	- 0.01	2.25	28	3	- 0.8	N 8 W				
Kashmir Kargil	...	76.8	- 8.1	91	27, 28	54.5	- 0.9	47	8, 9	60.1	54.0	12.0	- 3.0	69	+ 20	1.8	1.50	+ 1.28	1.05	6	3	+ 2.3	S 74 E				
Mysore Balehonnur	...	78.0	+ 1.1	87	2	65.8	0	68	12	70.3	68.4	22.7	+ 0.2	91	- 4			8.65	- 8.89	1.98	15	19	- 2.1				
Tibet Yatung (Chumbi)	...	65.9	+ 1.9	70	80	45.3	- 3.5	82	1	56.7	55.7	14.7	+ 1.4	94	+ 5	7.4	2.90	- 2.82	0.85	12	11	- 2.9					
Iran Zahidan	...	96.0	- 0.1	107	28	66.2	+ 0.8	59	7	84.3	57.8	6.8	- 14.2	16	- 42	0.6	0.28	+ 0.23	0.28	8	1	+ 1.0	N 8 W 7				

Cloud amount (tenths of sky).	Rainfall, inches.						Number of rainy days (0-10° or more).	Wind velocity, miles per hour.	Wind direction—Number of winds from																STATION.					
	4 hrs. G. M. T.		12 hrs. G. M. T.		Total of the month.				4 hrs. G. M. T.								12 hrs. G. M. T.													
	Departure from normal.	Mean	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm				
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	58
(i)	0	(j) 2.8	0	- 0.04	0	0	0	- 0.2	0	2	10	3	0	0	0	0	7	0	0	0	6	12	1	2	0	0	0	0	0	Iran
3.5	+ 1.4	0	1.1	0	- 0.01	0	0	- 0.1	9.1	+ 0.4	0	0	23	0	0	1	5	1	0	0	0	1	4	4	12	9	0	0	0	Charbar
- 1	0	0	0	0	0	0	0	0	5.7	0	7	7	0	0	1	4	1	10	0	0	0	3	24	3	0	0	0	0	0	Jask
- 3	0	0	0	0	0	0	0	0	9.6	+ 0.5	13	0	0	0	0	0	12	5	2	0	0	0	0	0	0	0	0	0	Bandar Abbas	
0	0	0	0	0	0	0	0	0	9.6	+ 0.5	13	0	0	0	0	0	12	5	2	0	0	0	0	0	0	0	0	0	Bushire	
- 3	+ 0.8	2.2	0.58	+ 0.22	0.40	3	2	+ 1.2	1.6	0	2	0	3	2	1	0	0	0	22	0	0	18	4	0	0	1	0	0	Ispahan (R)	
- 6	0	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	9	0	0	0	0	0	0	0	0	0	Mesched	
- 2	- 0.1	0.1	0	0	0	0	0	0	6.8	- 2.5	4	1	0	0	1	1	3	14	6	10	3	0	1	0	0	0	0	0	Seistan	
- 8	- 0.1	0.8	0	0	0	0	0	0	0	0	0	0	1	6	15	5	0	0	3	1	0	0	0	0	2	12	15	0	Arabia	
- 7	+ 0.6	8.5	0	- 0.40	0	0	0	- 1.1	10.5	+ 8.0	9	1	1	1	3	0	0	11	4	1	1	0	1	2	6	1	18	0	Bahrain	
- 5	+ 0.2	2.6	0.10	+ 0.07	0.10	19	1	+ 0.9	8.5	+ 0.6	4	3	0	0	0	0	1	16	7	0	0	0	0	0	0	0	0	Muscat (R)		
																													ADDENDA	
																													April	
																													Bushire	
																													May	
																													Bushire	

(B)—Register not received.

(i)—Mean of 33 days.

(j)—Mean of 21 days.

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 5TH CLASS STATIONS—JUNE 1945

DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0-10° or more).	DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0-10° or more).										
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.				Total in the month.	Departure from normal.	Mean	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.							
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
Assam	Mawsynram (R)	...						Baluchistan	Harnai	...	1.02	+ 0.27	0.75	29	2	+ 0.5							
Bengal	Bankura	6.86	- 3.67	1.50	21	7	- 4.1	Rajputana, East...	Udaipur	...	4.66	+ 1.82	2.55	30	6	+ 1.4							
	Rajshahi	15.17	+ 3.95	3.75	22	13	- 0.2	Bombay Deccan ...	Khandala (R)	...													
	Sirajganj	19.98	+ 1.66	3.06	17	11	- 3.3	Madras Southeast.	Palamcottah	...	0	- 0.41	0	0	0	- 1.1							
	Rangpur	18.39	- 4.39	2.27	23	14	- 1.7	Madras Deccan ...	Anantapur	...	0.11	- 2.01	0.06	3	0	- 3.8							
	Cooch Behar	16.84	- 17.45	3.17	5	17	- 3.6	Sikkim	Lachung	...	9.87	- 0.19	1.20	9	16	- 6.6							
Bihar	Mussaffarpur	4.06	- 3.64	1.42	16	9	+ 0.9																
	Chapra	4.34	- 1.59	2.36	19	5	- 2.2																
	Arrah	0.80	- 5.40	0.50	26	2	- 5.5																
United Provinces, West.	Meerut	0.60	- 2.80	0.40	29	1	- 3.1																
Punjab, East and North.	Dharampore	5.67	+ 0.67	3.15	29	6	- 0.5																
	Kyelang	1.40	+ 0.42	0.75	30	2	- 0.4																
	Dalhousie	3.71	- 1.40	1.74	28	4	- 2.9																
Ashmir	Sonamarg	1.78	- 1.11	0.58	30	3	- 4.2																
	Gurez	2.60	+ 0.19	0.60	7, 30	6	+ 0.2																

(B)—Register not received.

MAY 7 - 1946

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INDIA WEATHER REVIEW, 1945

Monthly Weather Report

July

Published by authority of the Government of India

Chief Features.—(1) The formation of a cyclonic storm and a depression at the head of the Bay of Bengal.

(2) The general activity of both branches of the monsoon over the country during the first three weeks of the month.

Last month's depression over Rajputana merged into the seasonal "low" over Baluchistan, after causing widespread and locally heavy rain in Sind, Gujarat as well as on the west coast on the 1st. Following it, a depression formed at the head of the Bay of Bengal on the 1st and intensified into a cyclonic storm by 0900 hrs. of the 2nd. Crossing the coast near Balasore on the afternoon of the same day, it moved westnorthwestwards as a depression and was centred between Chaibasa and Pendra on the 3rd morning, near Umaria on the 4th morning and between Jubbulpore and Nowgong on the 5th morning. Thereafter, it moved northwestwards as a shallow low pressure area to the Simla-Kumaon hills. The depression caused heavy rain on the Orissa coast on the 1st and 2nd, and stimulated the activity of both the branches of the monsoon over the country. Widespread rain with locally heavy falls occurred in the belt of country stretching from northeast India to the north Konkan and east Gujarat in the first week of the month. Rainfall was particularly heavy in the central parts of the country and was responsible for much damage. According to newspaper reports, over 100 houses collapsed in Jubbulpore, rendering several families homeless and all the low-lying areas were submerged under 4 feet of water. The rainfall also extended into the west United Provinces and the east Punjab on the 6th and 7th. The noteworthy amounts of rainfall during this period were: July 1st, Baripadri (C. I.) 7.0"; 2nd, Silumbar (Rajputana) 7.3", Cuttack 6.7" and Junagadh (Gujarat) 5.0"; 3rd, Karanjia (Bengal) 11.2", Keonjhar (Orissa) 10.7", Deogarh (Orissa) 8.0", Sironj (Rajputana) 7.4", Dharanpore 7.0", Hemgar (Orissa) and Rairakhol (Orissa) 6.9" each and Raigarh (C. P.) 6.4"; 4th, Mandla (C. P.) 5.7" and Malhangarh (C. I.) 5.4"; 5th, Bonaigarh (Orissa) 7.8"; 6th, Porbandar (Kathiawar) 18.0" in 12 hours ending 20.00 hrs.; 7th, Veraval 9.0", Roorkee (U. P.) 8.2" and Jubbulpore 5.3".

The activity of the Arabian Sea current in the west and north of the Peninsula, east Gujarat and the central parts of the country, was maintained by a second depression which developed over the head of the Bay on the 7th and moving across the country, disappeared over west Central India on the 11th. The Bay branch also strengthened on this date and during the next ten days, owing to the favourable position of the trough of low pressure in the Gangetic plain, there was widespread rainfall over most parts of the country excluding the southeast of the Peninsula and the western divisions of northwest India. According to newspaper reports the incessant heavy rains in Kathiawar caused widespread damage to property and livestock and loss of human lives. There was a weakening of the Bay current in northeast India between the 21st and 25th. The Arabian Sea branch, however, continued to be active.

Under the influence of a shallow "low" which formed over south Rajputana on the 23rd, the monsoon rains were carried into Sind, Baluchistan and the northwest frontier in the next two days.

The rainfall was again widespread over most parts of the country between the 25th and 28th, but both branches of the monsoon weakened on the 29th and conditions for a break in the monsoon set in. At the end of the month, the rainfall was mainly confined to the hills and the submontane regions from Assam to the Punjab.

The total rainfall of the month was in large excess in Baluchistan, Sind, Rajputana, Gujarat and the Madras Deccan, in slight to moderate excess in Assam, the west United Provinces, west

Central India, the west Central Provinces, the Konkan, Hyderabad and the north Madras coast, and normal in Orissa, the east and north Punjab, Kashmir, Berar, the east Central Provinces, the Bombay Deccan, Mysore and Malabar. Elsewhere it was in slight to moderate deficit except in the North-West Frontier Province where it was in large deficit. Averaged over the plains of India, the month's rainfall was 12 per cent above normal.

The mean maximum temperature was above normal in Bihar and the east United Provinces, and below normal in Rajputana, Gujarat and west Central India. The mean minimum temperature was generally normal.

Relative humidity was in excess in the Punjab, Rajputana, Gujarat, west Central India and Hyderabad, and normal elsewhere.

The mean cloud amount was above normal in the Punjab, the North-West Frontier Province, Baluchistan, Sind, Hyderabad and southeast Madras. Elsewhere it was normal.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 31 sub-divisions; these means are based on observations at stations, the monthly mean data for which are given in the subsequent tables.

N.B.—The Indian Standard Time used in this publication is 6 Hrs. 30 Mins. in advance of G. M. T.

Poona No. 5: }
The 6th September 1945. }

N. K. SUR,
for Director-General of Observatories.

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS—JULY 1945

	RAINFALL.				DEPARTURE FROM NORMAL OF					RAINFALL.				DEPARTURE FROM NORMAL OF					
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	9 hrs. I. S. T.					Actual.	Normal.	Departure from normal.	Percentage departure from normal.	9 hrs. I. S. T.					
					Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.					Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.	
1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Division	*	*	*		*	*	mb.	%		Division—contd.	*	*	*		*	*	mb.	%	
1. Assam	19.75	15.43	+ 4.32	+ 28	+1.3	+0.3	+0.7	+ 8	+0.5	9. Rajputana	11.24	6.00	+5.24	+ 87	-3.7	-1.2	+2.3	+ 9	+0.6
2. Bengal	12.61	16.12	- 3.51	- 22	+0.4	+0.4	+0.5	0	+0.4	10. Bombay	16.89	13.29	+3.60	+ 27	-1.1	-0.3	+0.5	+ 4	+0.4
3. Orissa	14.47	13.13	+1.34	+ 10	0	+0.4	+0.6	+ 2	+0.9	11. Central India	13.93	14.35	-0.43	- 3	-1.5	+0.1	+1.4	+ 6	+0.7
4. Bihar	8.47	12.97	- 4.50	- 35	+1.6	+0.5	+0.9	- 1	+0.4	12. Central Provinces and Berar.	18.17	14.48	+3.69	+ 25	-1.0	+0.1	+1.1	+ 5	+0.9
5. United Provinces	12.09	12.91	- 0.22	- 2	+1.4	+0.6	+1.3	0	+0.5	13. Hyderabad	9.42	7.45	+1.97	+ 26	-1.6	+0.4	+1.1	+ 7	+1.6
6. Punjab	4.92	5.15	- 0.23	- 4	-0.5	-0.4	+1.8	+ 6	+1.2	14. Mysore	10.80	9.97	+0.83	+ 8	0	+0.9	+0.5	+ 2	+0.2
7. North-West Frontier Province	0.61	1.83	- 1.22	- 67	-0.4	-0.4	-0.2	0	+0.7	15. Madras	7.72	6.98	+0.74	+ 11	-0.5	+0.2	+0.5	+ 8	+1.0
8. Sind	3.95	2.51	+1.44	+ 57	-1.1	-1.1	+1.1	+ 4	+1.6	Mean of India	11.56	10.31	+1.2	+ 12	-0.7	0	+1.1	+ 4	+0.8
Sub-division										Sub-division—contd.									
1. Bay Islands										18. Central India, West.	15.46	13.67	+1.79	+ 13	-3.2	-0.1	+0.8	+ 6	+1.8
2. Assam	19.75	15.43	+ 4.32	+ 28	+1.3	+0.3	+0.7	+ 3	+0.5	19. Do. do. East.	11.86	15.27	-3.41	- 22	+0.6	+0.2	+2.2	+ 5	-0.1
3. Bengal	12.61	16.12	- 3.51	- 22	+0.4	+0.4	+0.5	0	+0.4	20. Berar	10.38	9.60	+0.78	+ 8	-1.2	-0.2	+1.1	+ 5	-0.3
4. Orissa	14.47	13.13	+1.34	+ 10	0	+0.4	+0.6	+ 2	+0.9	21. Central Provinces, West	21.77	15.86	+6.41	+ 42	-1.1	+0.1	+1.1	+ 5	+1.1
5. Chota Nagpur	8.75	13.63	- 4.88	- 36	+0.8	+0.2	+1.1	0	+0.3	22. Do. do. East.	16.97	15.87	+1.60	+ 10	-0.9	+0.4	+1.1	+ 5	+1.1
6. Bihar	8.95	12.67	- 4.32	- 34	+2.2	+0.7	+0.8	- 1	+0.4	23. Konkan	37.06	31.74	+5.32	+ 17	+0.2	0	+0.4	+ 1	-0.1
7. United Provinces, East.	9.53	12.52	- 2.99	- 24	+2.0	+1.3	+1.1	- 1	+0.4	24. Bombay Deccan	6.08	6.08	0	0	+0.7	+0.5	+0.4	+ 8	+0.5
8. Do. do. West	14.65	12.10	+ 2.55	+ 21	+0.8	+0.3	+1.6	+ 2	+0.7	25. Hyderabad, North	9.17	8.08	+1.09	+ 13	-1.9	+0.6	+1.2	+ 7	+1.6
9. Punjab, East and North.	7.35	7.27	+ 0.08	+ 1	-1.0	0	+2.1	+ 6	+1.1	26. Do. South	9.74	6.61	+3.13	+ 47	-1.3	+0.2	+0.9	+ 7	+1.6
10. Do. Southwest	2.09	2.69	- 0.60	- 22	+0.1	-0.9	+1.3	+ 6	+1.5	27. Mysore	10.80	9.97	+0.83	+ 8	0	+0.9	+0.5	+ 2	+0.2
11. Kashmir	2.45	2.72	- 0.27	- 10	+0.5	+0.7	+0.4	+ 3	+0.4	28. Malabar	27.84	25.61	+2.23	+ 9	-0.2	-0.2	+0.2	+ 1	+0.5
12. North-West Frontier Province.	0.61	1.83	- 1.22	- 67	-0.4	-0.4	-0.2	0	+0.7	29. Madras, Southeast	1.56	2.20	-0.64	- 29	+0.3	+0.5	+0.4	+ 2	+1.5
13. Baluchistan	2.60	1.17	+ 1.43	+ 122	-1.1	-0.3	+1.0	+ 4	+1.1	30. Do. Decoan...	5.84	3.51	+2.33	+ 66	-0.5	+0.4	+0.5	+ 3	+1.1
14. Sind	3.95	2.51	+ 1.44	+ 57	-1.1	-1.1	+1.1	+ 4	+1.6	31. Do. Coast, North	5.81	5.13	+0.68	+ 13	-1.6	-0.2	+0.9	+ 5	+0.5
15. Rajputana, West.	6.37	3.03	+ 3.28	+ 106	-3.9	-1.0	+2.9	+ 9	+0.2										
16. Rajputana, East	16.12	8.90	+ 7.22	+ 81	-3.5	-1.4	+1.9	+ 9	+1.1										
17. Gujarat	16.49	10.25	+ 6.24	+ 61	-3.4	-1.8	+0.7	+ 7	+0.5										

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.)

STATION.	Height of bar. distant sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %		
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Bay Islands																						
Port Blair	261																					
Assam																						
Dibrugarh	348	991.7	+ 1.0	987.6	88.6	+ 1.3	97	26	75.5	+ 0.1	73	1,18	79.3	85.1	77.8	80.1	31.9	+ 0.7	32.8	93	+ 3	
Sibsagar (R)	317																					
Tespur	258	994.5	+ 0.9	990.5	91.1	+ 1.7			77.0	- 0.6			80.8	86.4	78.7	81.2	32.3	+ 0.2	34.1	91	+ 2	
Gauhati	182	996.7	+ 1.4	992.7	91.8	+ 2.1	93	8 days	78.6	+ 0.4	76	2	82.3	87.5	79.4	80.9	32.9	+ 0.4	33.1	88	+ 2	
Dhubri	115	998.4	+ 0.9	995.2	89.3	+ 3.3	92	7 days	78.6	+ 0.4	76	15,31	82.2	85.5	79.3	80.6	32.8	+ 0.6	33.4	88	0	
Silchar	96	1000.6	+ 1.1	996.8	89.8	- 0.4	96	29	77.5	+ 0.3	78	9 days	80.6	85.3	78.6	80.3	33.6	+ 1.3	33.1	91	+ 3	
Srimangal	69	1001.1	+ 1.1	997.6	89.8	- 0.5	95	10	76.8	+ 0.4	75	28,31	80.1	83.8	77.9	80.1	31.8	+ 0.1	33.5	90	+ 3	
Bengal																						
Cox's Bazar	38	1002.9	+ 1.7	1000.4	86.7	+ 1.4	90	19,22,24	76.5	+ 0.1	72	4	82.0	81.6	79.0	78.6	32.6	+ 0.9	32.0	87	- 2	
Chittagong	87	1000.6	+ 1.2	998.0	86.5	+ 0.5	91	22	77.1	+ 0.4	74	27,28	79.0	81.9	77.6	78.2	31.7	+ 0.7	31.4	83	- 4	
Noakhali	22	1002.7	+ 1.7	999.4	65.5	- 0.3	90	30,31	78.1	- 0.1	75	22	81.7	83.4	80.1	79.0	34.4	+ 2.0	31.8	93	- 4	
Comilla	29	1002.0	+ 1.1	999.0	88.1	+ 0.4	91	2	77.6	+ 0.5	75	31	81.4	84.4	78.5	79.6	33.1	+ 1.1	32.2	87	+ 1	
Brahmanbaria	32	1002.2		999.1	88.1	- 1.4	93	9	78.0	+ 2.7	75	30	82.2	84.9	78.6	80.3	31.8	+ 1.1	33.3	85	+ 3	
Narayanganj	26	1001.8	+ 1.5	998.3	88.8	+ 0.6	92	25	78.7	- 0.2	75	20,31	82.0	85.4	79.2	81.3	32.7	- 0.2	34.7	88	+ 1	
Mymensingh	62	1000.9	+ 1.3	997.6	88.4	+ 0.5	93	2,9,26	77.8	- 0.5	75	4 days	81.7	84.9	78.9	80.3	32.4	- 0.1	33.3	88	0	
Faridpur	27	1001.0	+ 1.3	997.7	86.3	- 1.5	90	17,25	78.3	- 0.2	76	31	82.9	83.6	79.9	79.9	33.5	- 0.1	33.3	86	- 1	
Barisal	11	1001.8	+ 1.2	998.9	87.5	+ 0.2	91	6,25,30	78.5	+ 0.1	76	21,22	82.5	84.4	79.1	79.8	32.4	- 0.5	32.7	86	- 2	
Khulna	16	1001.5	+ 1.9	993.6	88.4	+ 0.5	91	6,20,25	79.0	+ 0.4	77	4 days	83.2	84.7	79.7	80.1	33.1	+ 0.4	34.1	84	- 1	
Jessore	26	1000.8	+ 1.2	997.2	89.9	+ 1.8	93	18,19,20	77.9	- 0.1	70	2	83.1	85.1	80.6	81.3	34.8	+ 1.3	34.7	90	+ 3	
Satkhira	16	1000.6	+ 1.5	997.7	89.4	+ 0.9	93	25	79.1	+ 0.7	77	4 days	83.7	85.4	80.3	80.6	33.7	+ 0.1	33.4	86	- 1	
Dum Dum (E)	33																					
Calcutta	21	1000.3	+ 1.1	997.2	90.5	+ 1.0	94	19,25	80.1	+ 1.5	78	2,3,21	83.4	86.1	80.5	80.9	34.2	+ 1.3	33.7	87	+ 1	
Saugor Island	10	1000.3	+ 0.9	998.0	86.8	- 0.6	89	7,21	80.3	+ 0.2	77	2,21	84.1	84.7	80.1	80.6	33.3	0	33.8	83	- 2	
Sandheads	28	1000.2	+ 1.4	997.3																33.8	84	- 1
Midnapore	149	995.5	+ 0.8	992.5	90.4	+ 0.7	94	16	79.3	+ 0.3	76	2	82.7	86.6	79.4	80.3	32.7	+ 0.7	32.3	86	+ 1	
Burdwan (R)	106																					
Krishnagar	48	999.6	+ 1.1	996.6	91.1	+ 1.2	95	20	78.4	- 0.2	75	3	83.5	85.8	80.5	80.9	34.2	+ 1.1	33.7	87	+ 1	
Asansol	414	986.7	+ 1.9	983.1	90.5	+ 0.7	95	2,30	78.4	+ 0.6	75	31	82.4	85.2	79.5	79.0	33.1	+ 0.7	31.1	88	0	
Berhampore	62	999.2	+ 1.5	995.6	91.0	+ 1.3	95	17	78.7	- 0.2	75	3	83.4	85.4	80.3	80.8	31.0	+ 0.7	33.8	86	- 1	
Bogra	63	999.7	+ 1.1	996.4	89.2	0	93	18,25,26	79.0	+ 0.5	75	28	82.7	85.9	79.8	81.1	33.4	+ 0.3	34.0	87	0	
Malda	103	993.0	+ 1.4	994.6	88.9	- 0.8	93	2	78.8	- 0.2	75	18,19,26	82.7	86.4	79.6	80.4	33.1	- 0.4	32.7	87	+ 2	
Dinajpur	123	997.9	+ 1.5	994.5	90.4	+ 1.2	95	26	79.0	+ 0.1	73	28	83.3	86.8	79.9	80.9	33.3	+ 0.6	33.3	86	- 2	
Jalpaiguri	271	993.2	+ 1.1	989.8	89.0	+ 0.4	94	2,26	77.3	0	74	18	80.7	85.6	78.2	80.3	31.8	- 0.6	32.8	89	- 2	
Orissa																						
Balasore	65	998.2	+ 0.2	995.1	88.6	- 0.5	93	31	79.4	+ 0.9	75	1,3	83.0	85.7	79.8	80.7	33.4	+ 1.3	33.5	87	+ 2	
Chandbali	20	1000.5	+ 1.4	997.5	88.7	+ 0.5	94	18	79.1	+ 1.0	75	2,3	82.7	84.8	79.1	79.8	32.4	+ 0.1	33.6	85	- 2	
Puri	20	1000.9	+ 1.2	999.2	87.0	- 0.5	94	21	79.9	+ 0.1	75	22	82.7	83.9	79.4	79.8	32.7	0	32.9	86	+ 1	
Gopalpur	56	999.7	+ 1.0	997.0	87.0	- 0.7	91	19	79.0	- 0.1	75	22	82.6	83.4	79.6	80.8	33.1	+ 1.2	31.8	87	+ 3	
Cuttack	87	998.4	+ 0.8	995.5	90.0	+ 0.5	96	19	79.0	+ 0.7	74	2	81.5	83.8	75.5	78.9	31.9	+ 0.7	31.5	88	+ 5	
Angul	455	985.5	+ 0.6	982.6	88.8	+ 0.0	94	18	77.7	+ 0.5	71	2	81.4	83.6	77.6	78.8	30.5	+ 0.5	31.3	83	0	
Sambalpur	486	984.0	+ 0.8	981.3	86.9	- 0.3	93	1	76.7	- 0.4	74	2,3,10	78.9	83.8	76.9	79.1	30.7	+ 0.6	31.9	91	+ 4	
Chota Nagpur	423	986.3	+ 1.5	982.7	90.7	+ 1.4	94	4 days	79.2	+ 0.6	77	4 days	82.9	86.9	76.6	79.6	31.3	+ 0.3	31.1	82	- 2	
Jamshedpur	742	975.0	+ 0.9	971.6	90.4	+ 1.0	93	17	78.1	+ 0.6	73	2	81.8	87.4	78.3	80.4	31.5	+ 1.4	32.2	85	+ 1	
Chailasa	2,150	929.6	+ 1.9	927.1	85.0	+ 0.6	92	1	72.7	- 0.6	70	3,4,19	76.9	80.7	74.3	76.0	27.6	+ 0.4	28.4	88	0	
Hasaribagh	2,006	933.5	+ 1.0	930.9	86.6	+ 1.4	91	25	74.5	+ 0.5	73	5 days	77.4	81.7	74.9	76.8	23.4	+ 1.4	29.2	89	+ 1	
Daltonganj	725	975.1	+ 0.7	971.9	90.7	- 0.4	96	1	77.9	- 0.2	74	20	82.8	85.8	78.9	79.5	31.9	+ 2.1	31.5	84	+ 1	
Dhanbad	839	972.5			89.0		95	1	77.0		74	4	81.0		78.4		32.1		88			
Bihar																						
Purnea	124	997.8	+ 1.0	993.8	91.5	+ 1.9	93	6,7,26	79.0	+ 0.3	76	18	83.3	86.7	80.0	80.9	33.4	+ 0.3	33.3	86	- 2	
Barbhanga	161	995.5	+ 1.2	991.7	93.0	+ 3.8																

Cloud amount (tenths of sky).		Rainfall, inches.						Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																		STATION.	
Mean 9 hrs. I. S. T.	Departure from normal.	Mean 15 hrs. I. S. T.	Total of the month.	Departure from normal.	Departure full in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	STATION.		
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52			
9.3	+ 1.1	6.8	27.30	+ 6.15	3.07	26	25	+ 3.7	1.6	+ 0.6	7	5	5	0	3	0	3	6	2	5	6	5	0	1	0	3	2	9	Bay Islands Port Blair		
8.0	- 0.3	5.8	17.13				14		1.3	- 0.4	1	1	4	0	1	0	3	0	13	0	0	1	0	0	1	2	1	18	Assam Dibrugarh		
8.3	+ 0.1	7.1	11.53	- 0.75	1.82	26	18	+ 2.7	2.0	+ 0.6	1	5	5	3	2	4	2	4	5	3	6	2	1	3	5	5	6	0	Sibsagar (E) Tezpur Gauhati		
7.5	0	7.9	15.14	- 2.05	2.35	27	20	+ 3.9	3.6	- 0.1	4	1	5	1	6	2	1	0	11	1	3	4	2	6	3	2	0	10	Dhubri		
9.1	+ 1.3	7.7	36.59	+ 16.07	4.30	22	24	+ 1.3	1.1	- 0.6	1	12	2	6	2	3	0	3	1	1	4	0	1	1	3	2	13	6	Silchar		
7.4	+ 0.6	8.1	17.25	+ 3.34	3.53	20	20	- 0.8	3.7	0	0	3	2	10	12	2	1	0	1	0	2	1	5	12	4	3	0	4	Srimangal		
8.2	+ 0.1	8.5	21.97	- 13.55	2.90	31	20	- 3.0	5.9	+ 1.0	0	0	0	15	12	3	0	0	1	0	0	1	11	14	3	0	0	2	Bengal Cox's Bazar		
8.2	+ 0.3	9.1	15.17	- 8.36	3.57	31	18	- 0.9	5.0	- 3.0	0	1	0	12	13	2	1	0	2	0	0	0	7	14	8	1	0	1	Chittagong		
8.5	+ 1.5	7.5	17.45	- 5.11	2.62	27	23	0	12.4	+ 6.3	0	2	0	18	7	2	0	0	2	0	1	0	19	10	0	0	0	1	Noakhali		
8.3	+ 1.0	8.8	12.93	- 3.49	3.30	31	15	- 3.8	8.9	+ 3.5	0	0	0	11	13	0	0	0	7	0	0	1	5	21	0	0	0	1	Comilla		
6.5		6.5	9.14	- 2.17	2.40	30	15	- 1.6			0	0	4	10	12	0	1	0	4	0	0	0	7	11	7	0	0	6	Brahmanbaria		
7.9	- 0.8	6.5	11.38	- 1.59	2.89	31	19	+ 1.3	4.6	- 0.5	0	0	2	13	10	2	1	0	3	0	0	1	10	19	0	0	0	1	Narayanganj		
9.0	+ 0.4	8.2	25.94	+ 9.92	4.35	20	23	+ 3.8	3.6	+ 1.0	0	0	4	19	1	0	0	0	7	0	0	3	19	2	0	2	0	5	Mymensingh		
8.8	+ 1.0	7.9	6.81	- 5.93	0.99	29	16	7.8	+ 1.2	0	0	1	16	7	1	0	0	5	0	0	1	19	8	0	1	0	2	Faridpur			
8.9	+ 1.0	7.1	13.14	- 3.18	2.25	22	23	+ 1.9	5.7	+ 2.3	1	0	6	10	9	2	0	0	3	0	0	2	8	15	0	0	0	6	Barisal		
8.7	- 0.1	8.5	6.62	- 7.82	0.97	18	18	- 3.1	5.6	+ 1.3	0	0	5	13	9	2	0	0	2	0	0	3	18	5	2	0	0	3	Khulna		
5.8	- 2.2	6.6	9.17	- 3.05	2.38	31	15	- 2.7	3.8	+ 0.8	0	0	7	11	11	2	0	0	0	0	0	4	9	17	1	0	0	0	0	Jessore	
8.3	+ 0.9	8.4	6.81	- 6.69	1.42	18	17	- 1.4	4.2	+ 1.4	0	3	8	5	11	2	0	0	2	0	1	4	10	12	1	0	1	2	Satkhira		
8.5	- 0.2	8.2	7.08	- 5.73	1.08	9	17	- 0.5	3.6	- 0.1	0	1	7	3	8	7	2	0	3	0	1	1	9	10	6	0	0	4	Dum Dum (R)		
6.5	- 2.2	6.7	9.38	- 6.06	4.13	13	13	- 3.5	16.6	+ 4.5	0	2	3	3	7	14	2	0	0	0	1	0	6	13	11	0	0	0	0	Calcutta	
6.0	- 1.8	7.0	8.05	- 2.96	1.30	10	15	+ 2.3			0	2	1	2	6	16	3	0	1	1	0	0	3	6	20	1	0	0	0	0	Saugor Island
8.7	+ 1.5	9.1	5.61	- 7.13	0.90	6	14	- 2.3	5.3	+ 2.8	0	3	5	2	10	10	0	0	1	1	0	2	1	22	2	0	0	3	Midnapore		
9.0	+ 0.8	7.8	5.71	- 5.54	1.02	31	14	- 2.3	4.4	+ 0.8	0	2	5	12	6	5	0	1	0	0	1	0	15	8	2	0	0	5	Burdwan (R)		
9.5	+ 1.0	9.6	18.77	+ 5.08	3.94	31	21	+ 3.3	5.5	+ 0.6	0	6	13	5	0	2	4	0	1	3	9	12	1	1	0	2	1	Asansol			
8.7	+ 0.3	8.6	7.31	- 3.56	0.77	30	22	+ 5.9	3.1	- 0.3	0	0	11	5	9	0	0	0	6	1	0	9	8	6	1	0	0	6	Berhampore		
7.9	0	6.8	10.18	- 2.65	2.83	21	16	- 0.8	2.9	+ 0.6	0	1	12	6	4	5	2	0	1	0	0	12	13	3	1	2	0	0	Bogra		
8.2	+ 1.0	7.5	15.72	+ 4.21	7.14	28	13	- 1.8	4.9	- 0.4	0	1	9	9	10	1	0	0	1	0	0	5	15	7	1	0	0	3	Malda		
8.8	+ 1.0	9.2	12.33	- 3.14	3.33	17	13	- 3.7	3.5	+ 0.6	0	2	11	8	5	1	0	0	4	1	1	11	9	4	0	0	0	2	Dinajpur		
8.7	+ 2.1	8.1	29.67	- 2.55	4.95	18	24	+ 1.7	3.6	+ 1.6	2	12	9	3	2	0	0	1	1	3	8	5	5	2	1	2	0	0	Jalpaiguri		
9.2	+ 1.8	9.4	19.01	+ 6.21	4.79	1	14	- 0.1	6.3	+ 2.0	1	3	0	0	6	13	1	1	6	0	1	0	7	9	11	0	2	1	1	1	Orissa Balasore
7.8	- 0.2	7.8	15.37	- 1.57	5.31	2	14	- 2.8	6.7	- 0.4	2	1	0	4	6	13	5	0	0	0	1	0	10	7	11	2	0	0	0	0	Chandbali
8.3	+ 1.1	8.0	16.79	+ 6.47	6.77	22	14	+ 2.0	15.0	+ 3.7	2	1	0	0	1	23	2	2	0	0	1	0	3	5	15	7	0	0	0	0	Puri
7.6	+ 1.3	7.5	4.62	- 2.54	1.92	22	9	- 0.7	13.0	+ 4.1	2	0	0	0	3	21	1	4	0	0	0	1	3	6	20	1	0	0	0	0	Gopalpur
8.0	+ 0.3	8.6	16.50	+ 3.61	6.70	2	16	+ 0.1	4.0	+ 1.4	1	1	0	0	8	7	8	1	5	0	0	0	2	0	6	6	13	0	4	4	Cuttack
8.3	+ 0.4	8.9	14.95	+ 2.48	3.56	7	15	- 0.2	4.9	- 0.1	0	3	1	0	1	2	6	3	15	1	4	2	3	4	2	8	3	4	4	Angul	
10.0	+ 1.7	10.0	5.05	- 5.51	5.51	3	19	- 0.6	6.0	+ 2.1	0	9	0	0	11	7	0	0	12	1	0	0	0	10	9	0	0	0	11	Samulpur	
8.4	- 0.5	8.6	8.76	- 4.40	1.50	2	16	- 1.4	5.4	+ 1.2	0	3	7	4	1	4	5	0	7	0	2	14	5	1	5	3	1	0	0	0	Chaitanya
8.7	+ 0.6	8.8	4.15	- 8.96	0.99	23	8	- 8.2	2.5	0	2	7	1	4	1	10	0	1	5	1	6	1	5	3	9	1	3	2	0	9	Ranchi
8.3	0	8.7	8.77	- 6.68	1.83	9	13	- 5.5	4.5	- 0.5	2	1	3	1	9	3	2	0	5	2	0	4	3	8	3	2	0	0	9	Hazaribagh	
8.7	- 0.2	8.2	11.95	- 1.08	2.47	15	17	- 0.8	5.8	- 0.3	0	2	4	5	8	4	3	0	5	1	3	6	6	3	2	3	1	1	2	Daitonganj	
7.7	+ 1.5	8.5	10.11	- 3.29	1.87	16	17	+ 1.4	3.8	+ 0.2	2	2	10	1	2	4	3	4	3	3	3	12	2	1	2	1	5	2	Dhanbad		
						9.81		1.43	2	19		0	4	5	8	2	8	1	0	0										Bihar	
8.2	+ 0.8	7.4	12.50	- 1.82	2.45	18	16	- 0.6	3.5	+ 0.9	0	3	16	7	2	2	1	0	0	0	3	6	15	2	0	3	1	0	4	Purnea	
8.5	+ 0.9	6.0	9.42	- 2.69	2.57	29	7	- 6.9	5.8	+ 2.3	0	14	11	3	0	1	1	1	0	0	16	11	1	0	1	2	0	0	0	Darbhanga	
8.1	+ 1.6	6.7	4.02	- 10.98	1.43	23	6	- 8.1	4.5	0	0	0	4	3	1	0	0	0	3	0	1	17	6	0	0	2	0	5	5	Motihari	
7.7	- 0.6	6.8	9.79	- 1.79	2.47	30	10	- 3.7	5.5	+ 1.2	0	4	14	8	0	2	2	0	1	0	3	15	5	0	4	1</td					

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.)

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32° F and standard gravity, millibars.		Maximum temperature °F.					Minimum temperature °F.					Dry bulb temperature °F.			Wet bulb temperature °F.			Vapour pressure, millibars.			Relative humidity %			
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean	Mean 9 hrs. I. S. T.	Departure from normal.	Mean	Mean 9 hrs. I. S. T.	Departure from normal.	Mean	Mean 9 hrs. I. S. T.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
U. P., East																										
Gonda	360	983.5		984.7	92.8	+ 1.5	97	2	80.0	+ 0.6	72	2	83.6	89.8	79.6	81.4	32.7	0	32.7	84	- 1	63				
Gorakhpur	251	991.4	+ 0.7	987.6	91.6	+ 0.7	99	26	80.6	+ 1.5	74	3	84.1	90.4	79.7	81.4	32.5	- 0.2	32.5	82	- 4	66				
Banaras	250	991.3	+ 1.0	987.5	93.9	+ 1.7	101	7,8	81.0	+ 1.3	78	14,20,21	84.7	91.2	81.0	82.3	34.5	+ 2.4	33.6	84	+ 1	66				
Allahabad (Bamrauli)	322	988.8	+ 1.0	985.1	91.5	+ 2.7	103	21	80.7	+ 0.9	72	13	81.3	89.9	78.9	80.5	34.2	+ 2.0	31.2	81	- 1	66				
Fatehpur	375	986.1		983.0	95.6	+ 2.5	103	8,9	81.3	+ 1.6	77	13	85.1	91.5	89.6	81.8	33.6	+ 0.5	32.7	82	- 2	66				
Cawnpore	413	985.4	+ 0.9	981.7	95.8	+ 3.4	101	8 days	81.3	+ 1.4	78	6 days	84.8	91.3	80.4	81.5	33.4	+ 1.5	32.1	82	- 4	66				
Lucknow	371																									
Bahrach	407	986.0	+ 1.0	982.5	93.1	+ 1.2	100	2	80.4	+ 1.3	74	2,21	83.5	90.7	79.6	81.3	32.7	+ 0.8	32.1	84	+ 1	66				
U. P., West																										
Jhansi	824	971.2	- 0.1	968.3	92.4	- 0.3	100	7,11	78.8	- 0.3	75	19	86.2	87.8	78.3	79.0	31.2	+ 1.7	30.0	83	+ 4	77				
Agra	553	981.1	+ 1.5	977.0	95.9	+ 2.1	100	7	81.3	+ 0.9	72	13	85.0	88.9	80.9	82.3	34.0	+ 3.6	34.7	81	+ 4	66				
Mainpuri	516	982.1	+ 1.1	978.3	96.9	+ 1.8	101	7	80.7	+ 0.4	75	15	84.8	92.7	80.4	82.0	33.4	+ 2.0	33.5	82	+ 3	66				
Aligarh	615	978.4		975.4	95.0	+ 0.8	100	7	81.6	+ 1.0	76	13	85.0	90.9	80.0	80.5	32.7	+ 1.4	30.7	80	- 1	66				
Bareilly	568	980.5	+ 0.9	976.8	93.5	+ 1.4	100	2	79.0	+ 0.1	74	4	83.2	90.1	79.4	81.7	32.5	+ 0.6	33.1	85	0	77				
Roorkee	839	969.6	+ 1.1	966.0	91.3	- 0.8	100	2	77.5	- 0.6	71	7	81.6	88.6	77.5	80.0	30.4	+ 0.7	31.1	83	+ 2	66				
Dehra Dun	9,239	926.4	+ 1.4	923.4	86.6	+ 0.4	34	2	73.6	- 0.2	6	7	78.1	82.9	74.9	77.0	28.2	+ 1.2	29.0	85	- 1	77				
Punjab, E. and N.																										
New Delhi	714	974.9	+ 0.5	971.6	91.9	- 0.4	100	6	80.7	- 0.2	74	8	84.1	91.9	79.1	80.4	31.7	+ 1.2	30.1	80	+ 3	66				
Hissar	725	974.9	+ 1.5	972.1	93.9	- 2.7	105	3	80.5	- 0.7	76	14	84.0	93.8	79.0	81.4	32.5	+ 3.2	30.9	82	+ 12	55				
Ambala	892	969.6	+ 1.3	966.7	94.4	- 1.1	105	2	79.2	+ 0.1	72	3	82.5	91.4	78.6	81.1	31.6	+ 1.4	31.4	83	+ 4	66				
Ludhiana	812	974.1	+ 1.4	968.9	96.7	- 0.6	100	3					84.2	92.9	79.1	81.6	31.7	+ 2.6	31.6	79	+ 4	66				
Lahore	702	974.8	+ 1.0	971.9	96.9	- 2.5	100	19	80.6	+ 0.5	72	31	84.5	91.6	80.7	83.2	34.0	+ 4.0	33.5	84	+ 13	66				
Sialkot	830	971.1	+ 1.3	967.6	95.7	- 1.7	105	3	79.7	+ 0.1	71	5	84.3	93.0	78.1	81.4	30.6	+ 0.9	31.3	77	0	66				
Rawalpindi	1,674	942.7	+ 0.5	939.1	95.7	+ 0.5	105	3	77.3	+ 0.2	69	31	83.1	95.9	75.9	77.9	27.9	+ 0.9	24.4	73	+ 5	49				
Punjab, Southwest																										
Khusheb	612	977.4	+ 0.9	974.1	100.3	- 1.9	111	19	81.4	- 1.3	73	1	86.2	99.1	79.5	80.8	31.0	+ 1.9	27.4	73	+ 5	49				
Lyallpur	603	977.4	+ 1.1	974.4	99.5	- 2.0	109	3	81.9	- 0.8	75	15	86.0	97.4	78.5	81.5	30.6	+ 2.5	29.4	73	+ 8	55				
Montgomery	558	979.0	+ 1.1	975.9	101.3	+ 1.6	105	13	82.6	- 1.1	73	15	86.7	98.3	80.1	81.0	32.1	+ 0.4	28.1	73	+ 10	49				
Leiah	490	980.7		978.1	104.5		110	13	85.5		76	7	88.9	101.6	82.9	83.4	32.4		30.8	70	55					
Multan	413	965.2	+ 0.9	981.2	105.2	+ 2.8	111	12,13,17	81.9	- 2.6	70	7	88.1	100.8	81.9	84.4	34.4	+ 2.0	32.8	76	+ 6	49				
Fort Abbas	475	982.0		978.8	103.7		111	12	81.2		73	30	88.0	97.7	80.9	82.2	32.5		30.4	73	55					
Bahawalpur	884	954.5	+ 1.1	981.6	103.7	+ 0.4	110	12	84.3	+ 0.6	79	8	87.7	101.1	80.1	83.4	31.6	- 0.5	31.0	73	+ 3	49				
Khanpur	297	987.6	+ 1.1	984.4	104.8	- 0.6	111	11,12,17	83.9	+ 0.8	77	7,27	87.0	104.0												
Kashmir																										
Srinagar	5,205	834.9	+ 0.9	831.5	89.9	+ 2.1	98	19	63.5	+ 2.2	60	15	72.1	86.5	67.1	71.2	29.5	+ 0.2	19.7	78	- 4	99				
Gulmarg	8,709	733.1	+ 2.0		72.0	+ 1.2	88	19	58.0	+ 2.2	46	1	59.9		56.5		14.1	+ 0.2	81	+ 5						
Dras	10,059	701.9	+ 1.5	698.7	74.2	- 1.0	84	19	52.2	+ 3.0	48	1,15	58.6	72.0	53.2	57.0	12.1	+ 1.0	11.2	73	+ 9	49				
Leh	11,529	666.2	+ 1.8	662.3	77.0	+ 0.6	88	19	50.0	- 0.2	49	1	55.2	73.9	48.1	51.6	9.8	+ 0.6	8.5	66	+ 10	49				
Skardu	7,505	765.5		763.1	80.6	+ 2.0	91	4	59.9	- 1.1	47	1	67.0	85.7	56.7	58.2	11.1	- 0.8	10.6	54	- 3	55				
Gilgit	4,890	843.6		839.0	98.8	+ 3.1	110	19	72.3	+ 0.6	62	7	76.5	96.0	65.1	68.9	16.5	- 0.3	13.2	52	- 5	55				
Misgar	10,190	699.1			695.6	77.1		80	18,23	53.2		45	1,2	59.6	75.6	45.8	51.5	6.1		5.9	32					
N.-W. F. Province																										
Peshawar	1,172	658.8	+ 0.4	655.3	101.1	- 1.4	110	19,20	50.9	+ 0.7	78	21	84.8	98.5	76.9	78.3	27.6	+ 2.4	23.1	68	+ 8	99				
Bannu	1,264	954.9		952.3	101.3	- 1.8	111	19	52.0	+ 0.1	72	6	87.8	99.2	78.0	90.8	29.8	+ 3.0	25.0	67	+ 7	99				
Miranshah	3,026	893.3		897.3	98.0	+ 1.4	107	19,20	77.7	- 1.4	65	15	88.1	98.6	67.3	69.7	17.1	- 6.0	14.4	44	- 15	33				
Dera Ismail Khan	570	973.4	+ 1.3	975.5	103.5	+ 0.2	111	12,18,19	81.6	- 1.1	78	6,13,31	86.1	100.0	79.1	82.5	30.7	- 0.2	29.4	71	0	33				
Baluchistan																										

Cloud amount (tenths of sky).		Rainfall, inches.				Number of rainy days (0-10 or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.						
Mean 9 hrs. I.S.T.	Departure from normal.	Mean 18 hrs. I.S.T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm				
24	25	26	27	28	29	30	31	32	33	34	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	53			
6.9	- 0.7	6.4	14.20	- 0.47	3.10	2	15	+ 1.0	4.6	+ 0.9	0	0	27	0	1	0	2	1	0	0	0	21	3	1	1	4	0	1	U. P., East			
7.2	+ 1.2	6.8	8.56	- 5.07	2.24	31	9	- 5.3	4.4	+ 2.1	0	3	16	6	2	0	1	0	3	4	6	6	5	2	1	0	1	Gonda				
6.6	- 1.3	6.5	7.50	- 4.81	2.01	13	11	- 3.3	6.0	+ 2.5	0	7	11	5	1	5	2	0	0	4	7	6	5	0	3	4	2	0	Gorakhpur			
8.0	- 0.1	7.6	7.07	- 5.49	1.75	13	11	- 4.2	4.8	0	2	3	11	3	1	5	1	1	4	1	4	10	2	4	3	4	1	2	Allahabad (Ramnagar)			
7.5	+ 0.5	6.7	6.37	- 6.16	2.83	13	9	- 4.9	4.5	+ 0.9	0	4	12	2	0	5	2	1	5	0	2	14	2	0	1	6	1	5	Fatehpur			
7.0	+ 1.4	7.0	4.20	- 6.55	1.12	29	8	- 4.5	7.0	- 0.3	1	6	9	5	1	4	2	1	2	2	6	10	3	1	5	2	1	1	Cawnpore			
7.5	+ 0.3	5.5	8.97	- 3.03	2.20	16	10	- 3.4			0	0	22	1	0	0	3	0	5	0	1	19	1	1	1	0	0	8	Lucknow			
7.2	+ 1.6	7.5	19.34	+ 7.10	4.12	18	15	+ 3.1	5.5	+ 2.7	1	1	16	11	6	1	0	0	1	0	3	14	10	0	2	0	0	2	Bahraich			
7.6	+ 1.7	8.7	14.25	+ 2.44	4.65	19	13	- 0.8	5.2	+ 1.0	0	2	7	3	0	3	12	2	2	0	1	2	0	0	7	13	8	0	Jhansi			
7.1	+ 0.5	6.4	4.54	- 4.01	1.06	13	10	- 1.0	3.4	- 1.0	2	6	8	1	6	6	0	2	0	4	5	6	1	4	3	0	0	8	Agra			
6.5	- 0.1	7.1	6.35	- 1.19	2.54	15	10	- 0.4	3.1	+ 0.9	1	1	9	10	3	2	2	1	0	1	9	10	3	3	3	0	2	Mainpuri				
5.9	- 0.1	6.5	9.71	+ 0.97	3.87	13	7	- 3.3	4.5	- 0.1	1	1	10	5	3	1	2	0	8	4	3	10	3	1	2	2	1	5	Aligarh			
7.5	+ 0.2	6.9	27.30	+ 14.34	7.24	14	18	+ 5.2	3.9	+ 1.7	2	3	15	7	1	2	1	0	0	2	2	9	5	4	4	1	0	4	Bareilly			
8.4	+ 2.0	6.7	18.50	+ 6.20	5.48	7	14	+ 2.1	3.5	+ 1.0	0	0	1	16	0	0	0	2	12	1	1	2	15	2	2	0	4	4	9	Dehra Dun		
8.4	+ 0.7	7.5	25.69	- 0.61	3.29	17	26	+ 5.7	1.6	0	4	0	1	3	4	2	2	0	15	5	0	2	2	2	3	4	4	Punjab, E. and N. New Delhi				
7.2	+ 0.9	7.2	5.79	- 1.24	2.08	8	7	- 2.0	3.8		1	0	9	2	0	3	1	1	4	6	13	7	2	1	1	0	1	0	Hissar			
3.5	0 4.7	4.03	- 0.25	2.45		14	7	+ 1.0	4.5	- 1.0	1	3	3	6	4	5	2	1	6	1	1	9	8	1	5	0	1	2	Ambala			
5.6	- 0.4	5.1	13.03	+ 3.39	6.39	23	10	- 0.6	3.0	- 0.1	0	0	0	25	0	1	0	2	3	0	0	0	16	0	1	0	6	8	Ludhiana			
6.6	+ 1.7	6.9	7.27	- 0.80	2.50	7	8	- 0.4	2.1	+ 0.1	0	5	2	8	0	7	0	2	7	0	11	1	12	0	1	0	1	5	Lahore			
6.4	+ 2.4	6.2	4.96	- 0.43	1.91	7	8	+ 2.1	2.2	- 0.3	1	2	6	7	5	2	0	1	7	1	5	5	6	0	0	3	2	9	Sialkot			
6.4	+ 2.4	4.1	9.58	+ 1.23	2.55	21	12	+ 2.0	3.1	+ 0.9	1	9	3	10	2	0	0	0	6	2	2	0	11	3	2	3	8	Rawalpindi				
4.6	+ 0.4	4.4	6.82	- 1.25	2.83	27	8	- 0.8	3.0	+ 1.0	2	3	1	7	2	1	1	0	6	0	1	1	5	6	5	2	0	2	Punjab, Southwest			
3.5	+ 0.4	3.2	1.30	- 2.60	0.62	7	3	- 1.3	5.9	- 0.2	0	16	8	2	1	0	0	1	3	1	5	8	10	4	3	0	0	0	Khubshab			
5.4	+ 1.4	6.5	3.12	+ 0.26	1.34	26	3	- 0.8	3.4	+ 0.2	1	4	6	6	4	6	0	1	3	1	9	3	1	2	1	11	Lyallpur					
3.3	+ 0.9	5.0	2.96	+ 0.54	1.62	26	5	+ 1.7	2.0	- 3.5	0	0	0	11	2	3	0	2	13	0	1	3	9	3	1	2	0	0	Montgomery			
3.0	3.2	3.55	3.25			7	2		7.2		1	4	*	3	9	2	0	3	0	4	2	4	4	3	3	11	3	0	0	0	Leiah	
5.9	+ 3.7	4.4	1.34	- 0.67	0.49	7	3	+ 0.7	4.1	+ 1.6	3	1	3	0	14	3	3	0	2	4	2	4	3	5	7	1	0	5	1	5	Multan	
4.3	7.5	2.32	0.80			25	4		7.6		1	0	3	7	5	13	1	1	0	0	3	4	7	3	9	1	3	1	1	1	1	Fort Abbas
4.6	+ 1.9	4.9	2.25	- 0.19	1.20	23	5	+ 1.8	4.5	- 0.5	0	0	0	2	10	10	0	0	9	1	2	1	8	4	8	3	0	4	4	Bahawalpur		
3.0	+ 0.4	3.4	1.55	- 0.97	0.90	27	4	+ 1.1	5.3	- 3.0	0	3	1	0	1	23	0	0	3	0	7	0	1	0	19	0	1	3	3	Khanpur		
5.7	+ 1.4	4.5	0.63	- 1.64	0.16	21	3	- 1.9	2.5	0	3	2	1	11	4	0	0	2	8	2	0	1	9	1	1	6	4	7	1	4	Kashmir	
5.3	+ 0.6	2.91	- 1.15	0.98		21	10	+ 1.1	3.4	+ 0.2	0	4	4	2	0	2	5	1	13										Gulmarg			
3.2	- 0.3	4.1	0.50	- 0.13	0.29	6	2	+ 0.4	5.9	+ 0.4	0	0	0	0	0	2	0	1	28	4	1	0	0	3	3	1	16	3	Dras			
5.8	+ 1.2	5.1	0.43	- 0.04	0.12	8	26	2	+ 0.6	2.9	+ 1.0	0	7	0	2	2	0	1	0	19	0	2	1	2	9	13	5	1	5	Leh		
3.2	- 0.4	4.3	0.05	- 0.33	0.02	7	0	- 0.9	5.2	+ 0.9	0	0	0	0	0	1	2	0	28	0	0	1	0	2	9	1	1	17	Skardu			
4.1	+ 0.8	4.9	0.02	- 0.37	0.01	14	24	0	- 1.2	0.6	- 0.3	0	0	0	0	0	1	0	6	30	0	0	0	0	1	0	1	29	Gilgit			
3.5	3.5	0.00	0.00			0			6.7		0	0	4	1	0	0	5	3	18	1	1	12	12	0	0	4	1	0	0	Misgar		
4.5	+ 1.0	5.1	0.31	- 0.85	0.29	22	1	- 1.0	6.3	+ 3.0	9	5	1	0	1	1	1	1	19	0	4	14	3	1	4	4	0	0	1	Peshawar		
3.4	+ 0.8	4.6	1.47	- 0.74	0.83	6	3	- 0.2	4.3		2	3	7	3	1	3	1	1	10	1	1	6	13	6	0	2	1	1	1	Miranshah		
2.5	+ 0.2	4.8	0.59	- 0.98	0.27	24	1	- 2.3	7.5	+ 0.8	0	0	3	0	0	0	0	0	28	0	1	20	0	3	2	2	0	3	Dera Ismail Khan			
3.1	+ 0.6	4.5	0.07	- 2.22	0.03	24	0	- 2.8	3.6	+ 1.5	1	17	3	3	0	0	0	1	6	0	10	3	10	3	3	1	0	1	Baluchistan			
1.8	0 3.6	1.36	- 0.53	0.88		5	7	+ 3.2	3.5	+ 0.7	6	3	3	0	0	0	0	0	25	0	2	14	3	1	4	4	0	0	1	1	Loralai	
3.2	5.2	1.45	- 0.03	0.48		22	4	+ 1.1	4.6		1	1	2	0	0	1	10	1	15	0	0	2	7	16	3	2	0	1	Sibi			
4.4	+ 2.4	4.2	3.20	+ 1.8	1.29																											

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.)

STATION.	Pressure reduced to 32°F and standard gravity, millibars.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.			Relative humidity, %						
	Height of bar. cistern above mean sea level in feet.			Mean 9 hrs. I. S. T.	Departure from normal	Mean 18 hrs. I. S. T.	Mean	Departure from normal	Highest	Date	Mean	Departure from normal	Lowest	Date	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean	9 hrs. I. S. T.	Departure from normal	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Departure from normal	Mean		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Sind																									
Jacobabad*	166/183	991.0	+ 1.3	987.7	105.2	- 2.8	112	14	83.9	- 1.1	76	1,7	87.0	102.1	82.2	87.6	35.3	+ 3.9	37.9	81	+ 12	5			
Sukkur	221	989.7	+ 0.9	986.4	104.5	+ 0.2	111	11,17	82.7	- 0.3	76	7	85.5	102.2	79.3	83.5	31.5	+ 0.1	30.7	76	- 1	4			
Pad Idan	150	992.0		988.9	104.3		111	17	82.5		78	12,24	85.5	101.5	78.8	81.2	30.7		26.9	75		4			
Umarkot	55	996.2		993.4	96.5		102	22	77.5		76	1	83.5	93.5	79.5	82.1	31.6	1/7	32.2	82		6			
Hyderabad	96	994.8	+ 0.8	992.8	99.0	- 0.3	108	1	79.0	- 2.4	78	1	63.9	94.7	78.3	81.0	26.0	+ 1.2	27.9	79	+ 6	5			
Karachi (Manora)	18	998.6	+ 0.4	997.1	87.6	- 0.9	90	16,23	81.0	- 0.1	77	31	82.2	85.0	78.8	79.8	32.0	- 0.9	32.4	86	- 2	7			
Badin	81	998.4	+ 1.4	996.2	93.2	- 1.7	97	5 days	79.7	- 1.5	75	1	81.9	90.4	78.7	81.1	32.1	+ 0.6	31.9	86	+ 5	6			
Rajputana, West																									
Sri Gangamagar	580	978.7		975.6	99.6	- 2.5	107	3	81.9	- 0.6	72	13	86.6	95.9	80.0	81.1	32.0	+ 4.9	29.3	73	+ 10	5			
Bikaner	734	973.1	+ 0.1	970.4	98.0		104	13	79.2		74	30	84.3	94.6	80.3	83.0	33.6		33.3	83		6			
Phalodi	783	972.7		970.4	97.2		105	6	79.5		74	15,30	82.3	93.9	78.7	80.5	31.9		29.4	85		5			
Jodhpur	736	974.4	+ 1.7	971.7	91.7	- 5.2	99	6	78.2	- 2.0	74	15	80.5	88.8	77.4	79.1	30.8	+ 3.2	29.6	86	+ 13	6			
Barmer	638	977.4	+ 0.6	974.8	92.5	- 4.0	101	7	78.5	- 0.4	74	7	80.9	90.8	77.1	79.6	30.0	+ 0.7	29.5	84	+ 5	6			
Rajputana, East																									
Jaipur	1,431	951.8	+ 0.3	949.1	90.5	- 2.7	97	4,6	76.9	- 1.3	74	19	80.0	85.9	77.0	78.3	30.3	+ 2.5	29.7	87	+ 11	5			
Ajmer	1,593	946.2	0	943.5	88.3	- 3.4	95	4,6	76.1	- 2.3	73	13	78.9	85.7	75.2	77.4	28.3	+ 1.3	28.2	85	+ 8	4			
Kotah	843	971.2	+ 0.5	968.9	89.8	- 4.1	96	17	78.1	- 1.8	75	4 days	80.8	85.5	77.5	79.1	30.6	+ 2.6	31.0	85	+ 12	5			
Brijnagar	1,053	964.2	0	961.4	87.3	- 2.7	98	4	76.4	- 0.3	74	13	78.5	84.6	76.3	78.8	30.1	+ 1.0	30.9	90	+ 6	5			
Rajsamand	1,850	938.0		936.2	85.0		90	4,17	74.9		71	19	77.2	81.6	75.1	76.7	28.5		28.8	90		4			
Gujarat																									
Deesa (R)	466																								
Bhuj (R)	843																								
Dwarka	87	999.9	+ 0.1	998.6	85.2	- 1.5	88	23	79.9	- 0.8	76	2	81.4	83.3	78.2	78.6	31.3	+ 0.4	31.5	86	0	5			
Jamnagar	60	999.4	+ 0.9		87.0	- 3.6	89	8 days	77.0	- 1.1	72	28	81.7		78.7		31.8	- 0.1	87	+ 5					
Rajkot	432	986.7	+ 0.5	984.7	86.0	- 5.2	90	19,22,31	75.2	- 1.3	71	2	77.8	82.7	76.5	77.6	30.2	+ 1.0	29.6	94	+ 10	5			
Veraval	26	1000.9	- 0.4	999.8	85.7		88	4	77.9		74	7	80.6	82.8	79.2	80.2	33.1		33.6	93	+ 5	5			
Surat	89	1001.0	0	999.4	85.8	- 1.4	89	22,31	76.2	- 1.6	75	14 days	79.2	82.9	73.0	79.6	31.9	+ 0.9	32.6	95	+ 9	5			
Bhavnagar	55	1000.1	- 0.4	997.8	88.3	- 4.0	94	4	76.4	- 2.0	75	5 days	78.8	83.1	76.7	77.9	30.1	+ 0.6	29.9	90	+ 11	5			
Ahmedabad	163	996.2	+ 0.4	993.2	88.0	- 5.1	97	16	77.6	- 0.9	75	1	79.1	85.2	77.7	79.7	31.3	+ 1.5	31.7	93	+ 10	5			
Dohad	1,093	967.0		963.2	83.2	- 4.0	89	8	74.1	- 1.3	72	1,22	75.6	81.3	74.8	76.9	28.8	+ 0.5	29.2	96	+ 5	5			
Baroda	115	998.0		995.6	88.0	- 1.8	93	22	77.0	- 0.6	75	11,24	79.0	83.8	77.8	79.4	31.6	+ 0.9	31.9	94	+ 6	5			
Central India, West																									
Neemuch	1,626	946.0	+ 0.1	944.3	81.8	- 0.2	89	16,20	74.4	- 0.2	71	31	76.0	81.3	74.5	76.7	28.3	+ 1.3	29.1	93	+ 10	5			
Indore	1,823	940.0	- 0.2	937.6	82.4	- 2.7	88	2,8	72.8	0	71	12,19	74.2	80.5	72.4	74.5	26.0	+ 0.1	26.3	92	+ 5	5			
Bhopal	1,613	945.7	+ 0.1	942.9	84.3	- 1.3	93	1	74.1	0	73	8 days	75.7	81.3	73.9	76.6	27.4	+ 0.6	29.0	92	+ 4	5			
Guna	1,571	947.0	- 0.1	945.7	85.5	- 2.5	92	25	75.2	0	73	1	77.0	81.5	75.3	77.5	29.0	+ 1.1	30.1	92	+ 6	5			
Gwalior	681	976.1		972.7	93.3		104	7	79.6		75	19,29	83.5	88.7	80.1	82.4	33.5		34.8	86					
Madhosagar	757	973.5		970.4	93.5		105	7	80.2		74	19	83.5	88.1	78.9	79.5	31.7		30.5	81					
Central India, East																									
Nowrang	750	973.8	0	970.7	91.6	+ 0.6	98	6,7	78.6	- 0.1	75	7,8	81.7	88.6	79.7	83.2	33.7	+ 3.8	36.3	91	+ 9	5			
Sutna	1,041	964.1	+ 0.4	962.0	89.1	+ 0.3	91	1,2	77.1	0	74	20,21	80.9	85.4	78.1	79.8	31.5	+ 2.2	32.2	88	+ 6	5			
Umariya	1,506	948.9		946.0	87.5	+ 1.0	98	12	75.9	+ 0.7	73	20	79.1	83.5	76.1	77.5	29.1	+ 0.5	29.3	87	+ 1	5			
Bihar																									
Akola	925	973.5	- 0.3	967.9	88.0	- 1.1	96	2	74.6	- 0.2	73	6 days	77.0	85.7	74.7	79.6	25.2	+ 1.9	31.8	89	+ 8	5			
Amraoti	1,213	960.9	0	957.8	86.2	- 1.3	94	2	73.8	- 0.2	72	11	76.7	83.5	73.0	75.4	26.6	+ 0.8	26.4	87	+ 3	5			
C. P., West																									
Khandwa	1,014	966.1	- 0.3	963.1	86.3	- 1.6	95	2	74.7	- 0.6	72	4	76.7	83.8	74.0	76.1	27.5	+ 0.7	27.8	87	+ 4	5			
Hoshangabad	992	966.7	- 0.9	964.2	84.4	- 1.7	90	2,9	75.2	+ 0.1	73	12,13	76.5	81.7	74.9	77.3	23.9	+ 0.7	30.0	93	+ 4	5			

Cloud amount (tenths of sky). ¹			Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity miles per hour.		Wind direction—Number of winds from												STATION.								
MEAN 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Haviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	STATION.		
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52			
5.0	+3.1	3.8	5.00	+ 4.05	1.94	1	5	+ 3.5	5.2	+ 1.0	0	1	11	13	4	1	0	0	2	1	3	2	13	9	1	0	0	2	Sind		
1.5	+2.4	3.2	2.09	+ 0.65	1.23	23	4	+ 2.3	4.0	- 1.0	0	2	1	8	5	10	1	0	4	0	3	0	4	4	10	4	3	3	3	Jacobabad*	
3.0		5.2	2.27		1.40	24	4		9.3		1	1	2	13	10	0	1	0	3	2	1	1	13	7	0	1	1	5	Sukkur		
3.6		6.3	1.25		0.50	1	4		9.8		0	1	0	0	7	20	2	1	0	1	0	0	2	5	18	4	1	0	Umarkot		
5.7	+1.3	5.3	1.85	- 1.13	1.00	1	3	+ 0.1	8.1	- 2.6	0	0	0	1	3	16	9	1	1	0	0	0	1	4	18	8	0	0	Hyderabad		
3.8	+1.2	8.6	4.20	+ 1.00	2.25	2	4	+ 1.5	12.1	- 0.7	0	0	0	0	0	8	19	4	0	0	0	0	0	0	15	15	1	0	Karachi (Manora)		
5.9	-0.2	5.2	6.63	+ 2.66	4.28	2	2	- 1.8	8.7		0	1	1	0	1	20	8	0	0	0	0	0	0	1	17	11	0	2	Badin		
2.3	-0.3	3.8	3.61	+ 1.41	1.30	6	6	+ 1.7	4.8	- 2.6	0	0	5	7	3	7	0	0	9	1	1	10	5	2	4	1	0	7	Rajputana, West		
3.0	-0.6	4.3	4.19	+ 0.85	0.95	30	10	+ 5.1	4.9	- 2.1	0	0	0	6	0	17	0	0	8	0	1	1	8	0	10	0	0	11	Sri Ganganagar		
7.1		8.8	5.52	+ 3.11	2.12	15	9	+ 5.2	10.2		0	1	2	3	4	15	4	1	1	2	2	1	9	3	11	3	0	0	Fhalodi		
7.8	+0.7	8.2	13.66	+ 9.69	4.79	7	11	+ 5.5	5.7	- 6.4	0	1	0	1	3	12	11	1	2	0	1	0	2	3	16	7	0	2	Jodhpur		
7.7	+0.9	6.0	4.57	+ 1.32	1.21	1	10	+ 6.0	5.6	- 1.6	0	0	1	1	2	12	13	0	2	0	0	0	5	9	12	4	0	1	Barmer		
7.8	+1.3	9.0	13.50	+ 5.76	5.85	19	15	+ 4.7	4.3	- 0.7	6	1	1	2	0	2	4	10	5	3	3	3	3	2	7	8	2	0	0	Rajputana, East	
7.8	+1.8	8.6	8.05	+ 1.64	1.32	13	17	+ 8.1	5.6	- 0.4	0	1	1	0	0	8	13	1	7	1	2	0	1	2	5	9	1	10	Ajmer		
7.4	+0.8	9.0	28.10	+ 17.90	9.81	13	19	+ 7.9	3.3	- 0.7	1	0	0	1	0	4	16	5	4	1	0	2	1	1	8	11	4	3	Kotah		
8.4	+0.5	8.1	21.58	+ 9.9	4.19	13	19	+ 5.5	5.5	+ 0.6	0	0	1	0	0	5	17	5	3	3	0	3	0	0	3	16	4	2	2	Brijnagar	
9.0		9.6	13.62		2.27	19	18		4.8		1	1	1	3	2	9	4	2	8	6	0	1	2	1	6	5	4	6	Rajsamand		
																												Gujarat			
																												Bhuj (B)			
9.4	+1.2	3.8	5.27	- 1.68	1.50	28	7	+ 1.5	15.1	+ 0.2	0	0	0	0	0	14	17	0	0	0	0	0	0	0	0	14	17	0	0	Dwarka	
8.4	+2.3		13.03	+ 4.10	5.95	10	12	+ 4.1	3.2	- 10.8	0	0	0	0	0	14	14	0	3										Jamnagar		
7.0	-1.2	8.1	13.41	+ 2.73	2.83	12	18	+ 7.5	1.2	0	0	0	0	0	3	16	11	1	0	1	0	0	0	0	0	11	15	4	0	Rajkot	
8.3	0	8.2	25.91	+ 13.13	11.40	16	12	+ 2.8	17.7		0	0	0	0	0	5	23	3	0	0	0	0	0	0	0	5	22	4	0	0	Veraval
9.4	+0.8	8.7	23.06	+ 5.64	3.69	17	20	+ 5.7	6.2	- 1.1	0	0	0	2	5	13	10	0	1	0	0	0	0	0	4	20	7	0	0	Surat	
8.8	+0.9	9.3	17.42	+ 10.41	3.12	23	20	+ 10.7	6.2	- 1.2	0	0	0	0	0	11	19	1	0	0	0	0	0	0	3	13	12	2	1	Bhavnagar	
9.7	+1.7	9.0	15.55	+ 3.33	2.80	12	21	+ 8.4	3.3	- 1.6	0	0	0	0	1	17	8	1	4	0	0	0	0	0	3	13	8	3	4	Ahmedabad	
8.4	-0.7	7.6	18.80	+ 9.78	4.78	27	18	+ 5.0	14.8	+ 5.8	0	0	0	0	0	15	16	0	0	0	0	0	0	0	1	12	18	0	0	Dohad	
8.5	-0.2	8.7	15.97	+ 3.74	4.18	11	21	+ 8.3	4	- 1.6	0	0	0	0	6	19	5	0	1	0	0	0	0	0	4	19	6	1	1	Baroda	
																												Central India, West			
9.1	+1.8	8.3	13.73	+ 4.26	2.21	11	19	+ 8.4	7.0	- 1.8	0	3	0	0	2	13	13	0	0	0	3	0	0	0	1	20	3	3	1	Neemuch	
9.5	+0.5	9.3	13.43	+ 2.31	4.07	27	17	+ 3.7	5.9	+ 0.1	0	0	0	0	0	15	13	2	1	0	0	0	0	0	0	16	12	3	0	Indore	
9.6	+1.3	9.2	18.33	- 1.40	4.53	4	20	+ 3.6	6.2	+ 0.2	0	0	0	0	0	9	17	4	1	0	0	0	0	0	0	8	18	1	4	Bhopal	
8.9	+1.6	8.7	16.36	+ 2.01	2.65	9	21	+ 5.5	6.1	- 0.8	1	0	1	1	1	7	12	5	3	1	0	0	2	2	8	13	4	1	1	Guna	
6.9		7.2	8.72		3.45	19	15		3.5		4	4	5	1	1	5	6	3	2	1	6	4	2	1	4	8	3	2	2	Gwalior	
8.0		8.3	9.71		2.63	19	11		7.2		2	10	1	0	0	9	4	2	3	2	6	3	2	1	9	1	3	1	1	Madhosgar	
6.6	-1.2	7.2	7.33	- 6.48	1.88	30	9	- 5.1	4.5	+ 1.4	2	3	2	2	3	14	0	2	3	1	7	2	0	6	10	3	1	1	Nowrang		
8.7	+0.9	8.5	16.86	+ 2.61	3.15	20	19	+ 3.6	3.7	- 1.4	0	4	4	0	2	10	3	0	8	1	6	2	3	2	13	3	0	1	1	Sutna	
8.8	+0.1	9.0	11.34	- 6.41	3.68	12	15	- 5.1	3.4	- 0.4	2	1	1	3	2	8	9	2	3	1	3	2	3	1	6	9	2	4	Umaria		
																												Berar			
6.5	-1.4	5.3	11.45	+ 1.66	2.82	18	16	+ 3.6	8.3	+ 1.4	1	0	0	0	0	4	18	8	0	0	0	0	0	0	0	1	9	21	0	0	Akola
8.7	+0.9	8.9	9.31	- 0.10	1.87	4	16	+ 3.2	10.3	+ 2.7	0	0	0	0	0	19	12	0	0	0	0	0	0	1	0	16	3	11	0	0	Amraoti
9.0	+1.4	9.5	11.38	+ 1.72	3.58	29	14	+ 1.9	7.5	+ 0.1	1	0	0	0	0	3	14	4	4	0	0	0	1	0	8	12	10	0	0	Khandwa	
9.6	+1.0	8.5	20.77	+ 4.06	3.09	12	21	+ 5.3	4.2	+ 0.6	0	0	0	0	0	8	10	8	3	2	0	0	0	0	8	5	11	2	2	Hoshangabad	
9.6	+1.8	9.4	24.83	+ 9.26	4.02	7	20	+ 3.5	8.5	+ 2.8	0	1	2	0	0	16	12	0	0	1	1	1	1</td								

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.)

STATION.	Height of bar. cistern sea level in feet.	Pressure reduced to 32°F and standard gravity millibars.				Maximum temperature. °F.				Minimum temperature. °F.				Dry bulb temperature. °F.		Wet bulb temperature. °F.		Vapour pressure. millibars.		Relative humidity %			
		Mean 9 hrs. I. S. T.		Departure from normal.		Mean 18 hrs. I. S. T.		Mean.		Departure from normal.		Mean.		Mean 9 hrs. I. S. T.		Mean 18 hrs. I. S. T.		Mean.		Mean 9 hrs. I. S. T.			
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean.		
I	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
Konkan																							
Dahanu	15	1002.9		1001.2	96.2		89	22	77.7		75	4 days	80.3	83.0	73.2	79.9	31.7		33.1	91			
Bombay	37	1003.0	+ 0.1	1001.3	86.1	+ 0.6	89	30	76.5	+ 0.2	71	7	80.4	82.2	78.1	78.9	31.5	+ 1.0	31.9	90	+ 4		
Alibag	23	1004.6	+ 0.8		84.8	+ 0.4	87	3, 21	77.7	+ 0.1	75	17	81.4		78.1		31.0	- 0.2	86	- 1			
Harnai	66	1002.6		1001.0	84.4		88	30	76.8		72	1	80.5	81.8	78.1	78.7	31.4		32.0	89			
Ratnagiri	211	999.2	+ 0.6	997.1	84.0	+ 0.3	87	4	76.0	+ 0.1	73	4 days	79.9	81.3	77.3	77.9	30.5	+ 0.8	30.6	88	+ 1		
Devgad		1001.4		1000.2	84.0		87	1, 22	76.9		73	23	79.9	81.4	77.8	78.5	31.3		31.6	91			
Marmagao	202	999.6	- 0.1	997.9	82.1	- 0.5	86	3	74.8	- 0.4	71	2	79.1	79.7	76.8	77.1	30.0	+ 0.1	30.3	90	+ 1		
Honavar	85	1004.5		1002.9	82.2		89	5, 9	74.6		73	5 days	77.2	80.0	75.8	77.6	30.4		31.0	94			
Bombay Deccan																							
Jalgion	660	979.6		977.1	88.2		95	3, 7	75.0		72	31	77.3	86.4	75.1	77.6	23.6		28.2	90			
Malegaon	1,432	954.2	- 0.2	951.7	87.7	- 0.5	94	21	73.6	+ 0.1	72	4 days	77.3	84.0	73.1	74.1	25.6	+ 0.3	29.9	81	+ 4		
Ahmednagar	2,154	931.7	- 0.1	929.8	88.0	+ 2.7	93	31	71.8	+ 1.2	70	29	75.4	82.2	70.8	72.3	23.4		22.7	78	- 2		
Poona	1,834	942.5	0	940.8	81.8	- 0.7	87	27	71.8	+ 0.1	70	5, 17	74.1	77.5	71.3	72.4	24.7	+ 0.9	24.8	87	+ 5		
Sholapur	1,570	951.5	0	948.4	90.2	+ 1.0	100	30	72.8	+ 0.7	70	20	76.0	84.7	71.8	73.4	23.2	- 0.5	23.0	82	+ 6		
Miraj	1,817	943.8	- 0.6	941.8	82.8	+ 1.0	90	31	71.2	+ 0.4	63	4	73.5	78.8	71.6	72.9	25.3	+ 1.1	23.9	91	+ 5		
Biapur	1,950	939.3	- 0.3	937.3	87.7	+ 1.1	93	31	71.6	+ 0.7	69	20	74.3	83.1	70.6	72.0	23.7	+ 0.3	21.8	82	+ 2		
Belgaum	2,562	920.6	+ 0.1	919.0	76.5	+ 0.3	86	31	68.0	+ 0.6	67	5 days	70.0	72.6	69.2	70.4	23.8	+ 0.7	24.1	96	+ 3		
Gadag	2,131	934.2	- 0.4	932.9	83.6	+ 0.5	91	30, 31	70.5	+ 0.5	69	2, 28	72.9	78.3	70.2	72.0	24.0	+ 0.4	23.9	88	+ 2		
Hyderabad, North																							
Aurangabad	1,905	939.8	0	936.8	85.7	- 0.3	92	3	71.3	+ 0.4	70	4 days	73.6	81.7	72.7	77.3	26.9	+ 2.5	29.8	95	+ 11		
Parbhani	1,350	956.3		953.0	88.9		93	1	73.3		72	5 days	75.8	83.6	72.6	74.9	25.6		25.3	35			
Bidar	2,207	930.7		927.7	84.0	- 1.6	91	1	70.7	+ 1.2	68	9	72.5	81.3	70.9	73.7	24.8	+ 0.8	25.4	92	+ 6		
Nizamabad	1,250	960.7	- 0.4	957.8	84.1	- 3.8	95	1	74.1	+ 0.2	71	9	76.2	82.4	74.9	76.0	25.7	+ 0.4	27.4	85	+ 5		
Peddapalli	755	971.9			88.2		98	1	74.2		70	5	80.4		76.8		29.5		81				
Hyderabad, South																							
Gulbarga (R)	1,503																						
Raichur	1,311	960.7	- 0.2	957.2	89.4	- 0.9	96	1	73.7	+ 0.8	70	31	75.8	84.7	72.4	74.8	25.3	+ 0.8	24.6	84	+ 7		
Hyderabad(Begumpet)	1,718	944.2	+ 0.1	940.9	85.8	- 1.6	95	1	72.8	+ 0.3	70	9, 25	74.8	82.2	72.7	75.7	26.1	+ 1.4	27.5	90	+ 7		
Hanamkonda	881	973.5	0	970.2	86.7	- 1.4	97	1	75.3	- 0.4	74	10 days	77.9	84.1	74.5	76.5	27.3	- 1.4	27.4	85	+ 8		
Khammameth	367	991.3			987.7	90.8		100	1	76.3		72	10	79.5	87.0	76.5	78.4	29.5		28.9	87		
Mysore																							
Chitaldrug	2,405	929.0	0	923.6	82.5	- 0.1	90	31	69.9	+ 1.0	68	10	71.7	78.3	69.0	70.8	22.9	+ 0.6	22.3	87	+ 3		
Hassan	3,149	903.4		901.2	77.7	+ 0.1	85	31	66.3	+ 0.7	61	14, 17	69.2	73.1	67.1	68.6	21.6	+ 0.2	21.7	89	+ 1		
Bangalore	3,021	906.6	- 0.4	904.3	81.9	+ 0.5	87	1	67.1	+ 1.4	64	29	69.6	78.0	67.2	68.8	21.4	+ 0.3	20.0	88	0		
Mysore	2,518	923.6	- 0.2	921.5	80.9	- 1.3	88	31	68.0	+ 0.8	66	10, 18	70.5	77.8	68.2	70.2	22.2	+ 0.6	21.8	88	+ 5		
Malabar																							
Mangalore	72	1005.8	0	1003.8	82.2	- 0.4	88	5	74.7	+ 0.4	72	15, 21	77.3	80.3	76.0	77.6	29.6	+ 0.3	20.9	91	+ 1		
Calicut	27	1008.0	- 0.4	1005.9	82.6	+ 0.2	87	5 days	74.0	- 0.1	71	10, 23	76.1	80.1	74.9	76.9	28.8	+ 0.1	20.9	94	- 1		
Palghat	319	997.9			995.5	82.5		90	31	72.9		71	9, 10	74.8	78.9	73.5	75.4	27.3		28.1	91		
Cochin	10	1009.1	- 0.6	1007.0	82.1	- 0.5	87	8	73.9	- 0.8	72	7 days	77.0	80.0	75.2	76.7	28.7	+ 0.2	29.5	92	+ 2		
Alleppey	12	1009.3		1007.6	83.6		88	8	73.7		71	11, 21, 26	76.6	80.9	75.1	77.5	29.3		30.2	94			
Trivandrum	200	1002.2	- 0.6	999.6	85.0		88	31	73.8		71	9, 26	75.9	81.2	75.3	76.2	28.0	+ 0.2	28.3	93	+ 3		
Madras, Southeast																							
Pamban	37	1006.2	- 0.1	1003.3	92.8	+ 3.5	94	28, 29, 30	78.6	- 0.7	77	9, 23	84.0	84.7	79.0	79.3	31.2	+ 1.5	31.3	79	+ 1		
Madura	437	932.1	- 0.3	928.9	96.6	- 0.7	101	14	73.7	+ 1.4	74	10	84.2	90.5	73.3	74.7	22.7	- 0.1	21.7	59	- 1		
Negapatam	31	1005.7	- 0.2	1002.8	96.0		100	15	79.8	+ 0.9	75	28	83.2	89.6	75.1	78.1	25.8	- 0.4	27.3	67	- 1		
Trichinopoly *	295	937.2	0	933.5	96.0	- 1.0	93	4 days	78.9	+ 0.6	71	29	82.4	93.0	74.3	75.2	25.0	+ 1.3	21.4	67	+ 5		
Coimbatore	1,341	961.9	- 0.4	959.5	85.6	- 1.1	93	30, 31	71.6	+ 0.6	69	10, 24	75.0	81.0	70.9	72.7	25.8	- 0.9	23.3	82	- 1		
Salem	913	976.1	- 0.3	972.2	93.6	+ 0.6	97.6, 13, 29	75.1	+ 1.1	73	10, 12, 23	77.2	90.1	72.5	74.5	24.9	- 0.8	21.8	79	- 1			
Cuddalore	39	1005.2	0	1001.3	95.6	- 0.4	101	7	79.0	+ 0.4	74	26	81.4	89.9	75.8	78.5	27.6	- 0.1	27.7	77	+ 5		
Vellore	703	981.8	- 0.2																				

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of bar. cistern above mean level in feet.	Pressure reduced to 39° F and standard gravity, millibars.			Maximum temperature °F.			Minimum temperature °F.			Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %					
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Madras Coast.																						
North Nellore	66	1002.6	-0.1	998.5	97.2	+ 0.8	103	14	79.7	- 0.2	73	97	83.7	94.0	77.0	78.8	28.4	+2.2	26.4	74	+ 8	
Ongole (R)	10	1003.7	0	1000.5	90.6	- 1.8	100	1	78.0	- 0.1	73	13	80.3	87.7	77.8	80.6	30.8	+1.1	32.0	87	+ 6	
Masulipatam	26	1002.6	+0.4	999.5	85.0	- 5.3	100	1	77.4	- 1.0	73	8,22	80.5	86.6	78.1	89.9	31.3	+1.6	32.9	90	+ 9	
Cocanada	126	998.0	+0.4	995.1	87.6	- 1.4	97	3	78.8	0	74	15	81.4	85.0	76.9	78.6	29.2	-0.1	30.1	81	+ 2	
Vizagapatam	19	1001.1	+0.4	999.6	88.8	- 1.0	95	4	79.1	+ 0.2	76,7,12,13	81.5	84.9	78.1	79.1	30.9	-0.3	31.5	85	+ 2		
Hill Stations, ex- cluding Kashmir and Baluchistan																						
Shillong	4,921	845.5	+1.2	842.8	76.9	+ 1.6	81	26	64.6	0	62	4 days	71.0	71.7	66.8	67.5	20.7	0	20.4	81	- 3	
Cherrapunji	4,309	861.6	+1.6	862.0	72.4	+ 0.1	78	26	65.5	+ 0.2	64	4 days	67.8	69.3	66.9	68.0	22.1	+0.2	22.8	96	+ 3	
Ajai	9,599	885.8		884.1	78.6		87	10	67.4		66	15,27	70.9	72.4	69.1	70.8	23.4		25.1	91		
Darjiling	7,432	774.9	+2.5	772.8	68.6	+ 2.9	72	26	53.0	0	56	3,7,29	61.8	62.3	61.5	62.0	18.4	+0.5	18.7	98	+ 2	
Kalimpong	9,965	873.7	+0.9	871.4	76.5	+ 1.2	80	4 days	67.7	+ 0.5	64	26	70.7	73.5	69.4	71.2	23.9	0	25.1	92	- 2	
Katmandu	4,998	861.2		858.9	84.5	+ 0.8	86	10	68.7	0	67	5 days	72.6	79.4	70.3	75.2	24.3	+0.8	28.5	89	+ 6	
Muktesar	7,592	768.4	+0.5	766.4	68.7	- 0.7	75	25,26	58.6	+ 0.6	55	8	60.8	65.4	59.9	63.4	17.1	+0.2	19.0	96	+ 3	
Mussooree	6,910	793.2		791.8	69.8	+ 0.6	75	20	60.1	- 0.6	55	19,27,31	63.6	66.8	68.2	65.8	19.4	+0.4	21.3	98	+ 2	
Simla	7,224	778.0	+1.1	776.6	69.1	- 1.6	74	19	59.9	+ 0.7	56	3	63.7	66.1	61.4	64.0	17.5	+0.5	19.4	88	+ 5	
Murree	7,113	780.9	+0.7	779.7	74.2	- 2.0	83	3	61.3	+ 2.4	56	14	65.2	71.9	61.8	66.0	17.4	+0.2	19.5	88	+ 5	
Wana	4,456	854.2		852.2	92.3	+ 0.5	101	19	72.6	+ 1.3	63	7	76.3	85.9	69.2	70.6	21.4	+1.8	19.2	70	+ 8	
Cherat	4,272	862.3	+0.6	860.1	88.4	- 1.2	100	19	71.4	- 0.3	64	14	74.6	85.4	69.7	72.1	22.5	+2.0	21.3	78	+ 6	
Parachinar	5,673	821.0	+0.8	819.3	87.6	+ 0.5	97	12	67.0	+ 0.6	61	8	73.7	82.4	66.5	70.4	19.3	+1.9	20.4	70	+ 10	
Drosh	4,723	848.6	-1.5	843.4	94.8	- 1.9	102	19	73.9	+ 0.3	65	1,2	78.1	93.3	66.6	70.1	17.5	+0.1	15.8	55	- 1	
Abu	3,945	872.3	+0.1	870.8	72.9	- 2.4	79	16	66.9	+ 0.8	64	30,31	61.9	71.3	67.6	69.8	22.7	+0.8	24.1	98	+ 4	
Pachmarhi	8,528	986.1	0	884.9	75.0	- 1.5	79	2,3,27	68.5	+ 0.7	67	12,13,14	69.5	73.5	68.8	71.3	23.6	+0.8	25.1	97	+ 6	
Mahabaleshwar	4,594	857.6	-0.6	856.8	66.6	+ 1.2	72	29,30	62.0	- 0.3	60	31	64.0	64.7	64.0	64.6	20.5	-0.1	20.6	100	0	
Mercara	3,781	883.5	+0.1	881.9	69.2	+ 0.5	78	30	63.4	+ 1.3	62	21,22,23	65.2	67.2	65.1	65.7	20.9	+1.1	20.8	98	0	
Ootacamund	7,364	777.8	0	776.7	61.7	- 0.1	70	30,31	52.5	+ 0.4	51	4 days	55.2	57.9	54.0	55.9	13.8	+0.5	14.4	93	+ 1	
Coonoor	5,730	824.7			70.8	0	74	20	59.9	+ 0.8	55	16	64.5		59.8		15.8	+1.2	17	+ 5		
Kodaikanal	7,688	769.4	+0.6	768.2	69.3	+ 1.0	69	18	52.9	+ 0.8	51	18,22	55.7	57.9	53.3	55.9	12.9	+0.4	14.3	86	+ 6	
Ceylon																						
Colombo	24	1008.7	-0.4	1006.6	85.3	- 0.1	87	6,9	77.3	+ 0.8	72	11	79.9	82.3	75.9	76.3	28.4	-0.6	27.9	82	- 5	
Trincomalee	24	1007.1	+0.8	1004.0	93.5	+ 1.3	97	16	77.8	+ 0.2	74	20,23	81.6	87.9	75.1	77.4	26.5	-0.7	26.9	73	- 6	
Hambantota	61	1005.7	-1.2	1003.1	85.2	- 2.4	93	19	76.2	- 0.1	73	22	78.2	82.6	75.5	76.6	28.7	+0.4	28.2	88	0	
Nuwara Eliya	6,170	818.0	-0.6	811.4	65.8	+ 0.0	74	29,30	55.2	- 0.1	49	29,30	58.6	60.5	56.1	57.5	14.4	-0.3	15.0	87	- 3	
Afghanistan																						
Jalalabad	1,950	932.4			928.5	102.6		111	19	80.5		74	10	87.3	100.8							
Kabul	5,955	815.3			812.2	93.2	+1.2	99	20	60.3	- 0.3	54	4 days	71.5	90.4	56.1	61.6	9.2	-1.5	7.1	88	0
Kandahar	3,462	688.0			884.7	99.9		106	22	64.8		53	6	79.2	98.8	63.8	72.6	16.8		16.8	59	

(R)—Register not received.

Cloud amount (tenths of sky).	Rainfall, inches.						Number of rainy days (0-10 or more).	Wind velocity, miles per hour.	Wind direction—Number of winds from																		STATION						
	9 hrs. I.S.T.		18 hrs. I.S.T.		Total of the month.		Departure from normal.		Heaviest fall in 24 hours.		Date.		Total in the month.		Departure from normal.		Mean.		Departure from normal.		9 hrs. I. S. T.												
	Departure from normal.	Mean	18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	Mean.	N	NE	E	SE	S	SW	W	NW	Oalm	N	NE	E	SE	S	SW	W	NW	Oalm
14	25	26	27	28	29	30	31	32	33	34	35	36	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53			
1.5	+0.6	8.9	2.29	- 0.46	0.44	20	8	+ 2.6	5.9	+ 0.3	2	0	0	1	3	7	7	5	6	2	0	0	3	4	4	8	7	3	Madras Coast, North Nellore				
1.6	-0.2	6.9	8.72	+ 2.33	1.89	12	11	+ 0.3	7.1	+ 0.5	0	0	0	0	3	6	15	4	3	1	0	0	1	4	6	12	6	1	Ongole (R)				
3.6	+0.9	7.9	11.33	+ 4.78	1.66	17	16	+ 4.9	7.8	+ 2.0	0	0	0	0	0	20	10	0	1	0	0	0	0	1	21	7	2	Masulipatam					
3.5	0	8.3	3.54	- 0.88	0.54	19	12	+ 3.5	5.4	- 0.1	0	0	0	0	0	8	13	1	9	0	0	0	0	9	8	8	0	Cocunada					
8.2	+1.4	8.3	3.19	- 2.35	0.75	12	10	+ 1.4	10.0	+ 2.5	0	0	0	0	7	16	5	2	9	0	0	0	1	11	14	3	2	Vizagapatam					
																													Calingapatam				
9.1	+0.7	9.1	13.58	- 0.07	2.56	31	18	- 0.2	2.9	0	1	0	2	3	1	4	0	0	20	0	1	0	0	2	11	1	0	15	Hill Stations, ex- cluding Kashmir and Baluchistan				
9.2	-0.2	9.1	98.33	+ 1.90	11.96	29	30	+ 2.5			0	3	3	2	9	5	1	1	7	0	2	1	1	4	7	1	0	15	Shillong				
7.9	9.5	13.99			2.48	9	21		5.9		1	3	13	1	5	4	1	0	3	0	0	3	1	0	19	2	3	3	Cherrapunji				
9.4	+0.5	9.6	18.94	- 13.98	2.76	12	25	- 0.6	4.5	+ 1.0	1	0	20	1	1	1	0	0	7	0	0	11	3	0	0	9	0	8	Aijal				
8.4	+0.1	7.6	19.79	- 2.97	5.30	12	19	- 2.9	5.5	+ 0.1	0	0	0	8	0	0	0	11	12	0	0	1	22	0	0	0	2	6	Darjiling				
7.2	-1.1	7.2	10.25	- 4.44	2.10	21	19	- 3.7	1.1	+ 0.2	1	0	0	0	0	0	0	30	4	0	3	0	3	0	1	1	19	Kalimpong					
9.1	+0.8	7.9	17.52	+ 5.15	3.82	13	24	+ 6.2	7.0	+ 1.8	1	7	9	3	1	2	5	3	0	0	3	2	1	3	7	12	2	1	Katmandu				
9.4	+0.6	9.4	30.53	+ 3.07	5.37	19	29	+ 5.8	3.3	- 0.9	1	2	1	2	6	3	1	0	15	0	1	0	0	8	10	0	1	11	Muktesar				
8.0	+0.1	9.9	19.23	+ 2.93	3.06	14	24	+ 4.3	1.7	- 0.6	5	4	1	0	3	2	1	2	13	3	2	1	0	5	7	3	0	10	Mussooree				
6.8	+1.2	8.4	11.88	- 0.52	2.44	23	14	+ 0.7	5.0	+ 0.8	0	6	6	5	1	0	6	9	4	0	0	4	6	1	2	10	7	1	Simla				
3.7	+1.8	6.5	2.31	+ 0.58	0.42	23	7	+ 3.0	4.3		0	0	1	4	6	0	1	0	19	3	3	11	6	2	1	2	2	1	Wana				
4.9	-1.0	6.5	2.83	- 0.81	1.80	25	5	+ 0.2	8.7	+ 3.0	1	0	0	6	7	0	0	0	17	2	0	0	14	11	1	0	0	3	Cherat				
3.3	+0.2	6.1	2.74	- 0.78	1.22	13	7	+ 0.1	4.9	+ 2.4	10	0	11	1	3	0	1	0	5	1	0	12	7	9	1	0	1	0	Parachinias				
2.5	+0.7	3.2	0.67	+ 0.07	0.45	5	2	+ 0.5	6.6	+ 1.5	0	3	1	2	0	4	2	0	19	0	0	0	1	3	17	10	0	0	Drosh				
9.9	+1.0	9.8	41.25	+ 21.26	8.25	1	30	+ 12.2	5.8	- 2.2	3	0	0	0	2	16	5	2	3	2	1	1	0	8	9	7	2	1	Abu				
9.6	+0.6	9.0	32.78	+ 6.55	4.86	4	29	+ 7.0	4.1	- 3.1	1	0	0	0	0	3	16	11	0	2	1	0	0	0	3	22	3	0	Pachmarhi				
			107.20	+ 1.87	11.61	8	30	- 0.1	10.0	- 2.8	0	0	0	0	0	24	1	6	0	1	0	0	0	0	26	0	4	0	Mahabaleshwar				
9.1	-0.4	8.6	53.65	+ 10.54	10.20	10	28	- 0.5	9.7	+ 2.5	0	0	0	0	0	15	15	1	0	0	0	0	0	0	15	15	1	1	Mercara				
8.8	-0.1	8.3	7.56	- 0.60	1.79	10	13	- 2.8	6.5	+ 0.5	0	0	0	0	0	3	16	2	10	0	0	0	0	0	3	18	3	7	Ootacamund				
9.8	+1.8		4.53	+ 1.92	0.69	11	10	+ 3.0	6.1	+ 1.2	3	0	0	4	3	0	2	10	9										Coonoor				
8.4	+1.2	9.4	6.48	+ 1.88	1.47	14	13	+ 2.8	9.2	- 1.3	0	1	0	1	2	1	16	5	5	1	0	0	3	1	0	16	6	4	Kodaikanal				
7.2	-0.5	7.5	6.79	+ 1.80	2.00	31	8	- 0.4			0	0	0	4	2	12	6	2	3	0	0	1	0	0	14	15	1	0	Ceylon				
5.8	+0.7	6.7	2.54	+ 0.75	2.03	15	3	+ 0.7			0	0	0	0	0	28	3	0	0	3	4	2	2	0	18	1	1	0	Trincomalee				
6.1	+1.1	6.6	1.20	- 0.93	0.34	9	4	- 0.2			0	0	0	0	0	3	28	0	0	0	0	0	0	0	12	19	0	0	Hambantota				
7.8	-0.6	9.0	3.54	- 6.45	1.11	26	10	- 5.8			0	7	1	1	1	1	0	0	0	21	0	0	0	0	0	25	0	0	Nuwara Eliya				
3.6	2.9	0	0	0		0			5.2		0	7	5	1	1	0	3	2	12	0	25	6	0	0	0	0	0	0	0	Afghanistan			
0.7	0	1.7	0	- 0.67	0	0	0	- 0.3	3.1	+ 0.9	1	1	1	0	0	3	10	10	5	11	11	8	2	0	1	0	3	0	Jalalabad				
1.2	1.4	0	0	0		0			1.9		0	7	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	Kabul				
																												Kandahar					

(R)—Register not received.

a—Mean of 30 days.

TABLE III—ABSTRACT OF OBSERVATIONS RECORDED

STATION.	Pressure reduced to 32° F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %				
	Height of bar. column above mean sea level in feet.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.			
1	9	9	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
Iran																							
Charbar	25	997.8		995.5					82.1	- 0.2	78	16	83.3	87.4	80.2	81.9	33.9	+ 1.0	34.7	87	+ 1		
Jask	13	997.8		995.6	95.0	- 1.2	102	2, 12	86.4	+ 1.2	82	26	87.5	93.8	83.1	84.9	36.6	+ 1.3	36.9	79	+		
Bandar Abbas	29	996.6		998.9	100.1		109	13	86.2		80	25	92.1	97.3	85.7	88.4	39.1		41.7	77			
Bushire	14				94.7	- 0.1	101	30	82.1	- 2.3	76	12	89.1	92.7	81.6	84.5	33.4	- 0.1	36.7	71	-		
Ispahan (R)	5,817																						
Mesched	3,104	894.4		892.0	93.0	- 0.5	102	17	58.6	- 3.1	52	5	77.2	88.8	62.9	66.4	18.7	0	18.0	44	+		
Seistan		944.3		941.1					79.2	+ 0.1	69	16	86.2	103.4	69.7	77.0	17.5	+ 2.0	20.0	42	+		
Arabia																							
Bahrain	8	996.7		995.8	97.8	- 0.8	110	6	86.1	+ 1.2	80	13	91.2	95.5	83.3	84.7	35.2	+ 2.3	35.7	69			
Muscat (B)	15																						
Sharjah	18	996.8		994.7	103.4	+ 3.5	111	20	82.9	+ 1.9	76	15	89.6	97.5	79.1	84.8	29.1	+ 0.8	35.1	62	+		

(R)—Register not received.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 4TH CLASS STATIONS—JULY 1951

STATION.	Maximum temperature °F.				Minimum temperature °F.				Mean dry bulb tem- perature 9 hrs. I. S. T. °F.				Mean wet bulb tem- perature 9 hrs. I. S. T. °F.				Vapour pressure, millibars.		Relative Humidity %		Rainfall, inches.				Number of rainy days (0.10" or more).		W.	
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean	9 hrs. I. S. T.	Departure from normal.	Mean	9 hrs. I. S. T.	Departure from normal.	Mean	9 hrs. I. S. T.	Departure from normal.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Resultant direction.				
1	9	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23						
Assam																												
Lumding	92.6	+ 1.4	96	4 days	77.4	+ 1.0	74	81	79.2	77.2	92.9	+ 1.9	91	+ 6		10.67	+ 3.08	1.80		20	14	- 2.5						
Bengal																												
Fabna	90.0	+ 0.3	94	17, 25	79.0	+ 2.6	75	30	83.6	80.1	93.5	0	85	- 1		8.24	- 2.85	1.77		31	15	- 1.6						
Kashmir																												
Jammu	94.2	- 1.2	103	3	78.5	- 0.8	73	3, 6, 29	82.2	75.1	95.5	- 1.5	71	- 2	5.6	15.07	+ 2.28	4.60		21	12	+ 0.5	N 15					
Kargil	84.3	- 2.6	95	19	64.9	+ 0.8	55	1	67.8	60.7	15.5	+ 3.9	67	+ 16	2.5	0.15	- 0.16	0.10		21	1	+ 0.1	N 71					
Mysore																												
Elehonnur	73.7	+ 0.6	84	31	65.8	+ 0.4	65	12 days	68.5	67.8	92.8	+ 0.9	96	- 1		37.32	+ 2.73	4.78		10	29	+ 0.7						
Tibet																												
Yatung (Chumbi)	68.2	+ 2.8	72	10	48.0	- 3.3	42	1	58.2	57.1	16.0	+ 1.5	94	+ 4	7.4	4.43	- 1.98	0.70		28	14	- 3.7						
Iran																												
Zahidan	98.1	+ 0.1	104	19, 22	68.6	+ 0.7	59	9	85.9	59.4	7.7	- 13.0	16	- 39	1.0	0	0	0	0	0	0	0	N 41					

(R)—Register not received.

TABLE V.—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 5TH CLASS STATIONS—JULY 1945

INDIA WEATHER REVIEW, 1945

Monthly Weather Report

August

AMERICAN CONSULATE

JUL 5 - 1946

KARACHI, INDIA

Published by authority of the Government of India

Chief Features.—(1) Singular absence of depressions from the Bay of Bengal.

(2) Persistence of "break" conditions during the first week.

The "break" in the monsoon which had set in by the end of July, continued till the 9th and rainfall was confined to the west coast of India, to east and north Bengal and the foot of the Himalayas. Owing to the absence of the monsoon clouding and rain, day temperatures were markedly above normal in the central parts of the country during this period. Local thundershowers characteristic of the break in the monsoon occurred in the interior of the country. Thunderstorm activity was prominent in southeast Madras in the beginning of the month. Widespread thundershowers occurred in the west Central Provinces and Berar on the 8th.

The Arabian Sea branch of the monsoon revived on the 9th increasing the rainfall on the west coast. It extended into the north Bombay Deccan, east Gujarat and the central parts of the country, and for the next two days rainfall was widespread in the country stretching from the Konkan and Gujarat to east Central India and Chota Nagpur. At the same time in association with a trough of low pressure that formed in the north Bay of Bengal, the monsoon became active in northeast India and extended into Bihar and the east United Provinces. The Arabian Sea branch became vigorous off the Konkan on the 13th, giving very heavy rain along the north Konkan coast, Bombay recording 9.7" and Dahanu 13.2". For the next four days nearly general rain fell in the belt of country from the Konkan and Gujarat to northeast India.

A shallow low pressure area which appeared over the west United Provinces on the 17th served to maintain the increased activity of the Arabian Sea branch in the central parts of the country and to draw the Bay monsoon well into the interior. Both branches of the monsoon remained strong for the next few days resulting in well-distributed and locally heavy rainfall over the country outside Sind, Baluchistan, Kashmir and the south Peninsula. Some of the noteworthy amounts of rainfall recorded during this period were: August 16th, Nawadah (Bihar) 5.2"; 17th, Nowrang 5.3"; 18th, Tonk (Rajputana) 9.7" and Jawahar (Bombay) 5.7"; 19th, Tonk (Rajputana) 5.1"; 20th, Umrali (C. I.) 8.7", Silota (C. I.) 5.8", Walpur (C. I.) 5.3" and Chhabra (Rajputana) 5.0"; 21st, Nawabganj (C. I.) 30.5", Piploda (C. I.) 15.0" (within 6 hours), Sailana (C. I.) 8.8", Jogindernagar (Bihar) and Eriopura (Rajputana) 5.8" each, Ratlam (C. I.) 5.7" and Mandi (Bihar) 5.2". After a temporary weakening during the 20th to 23rd, the Bay branch strengthened and carried the rain into the Punjab and Kashmir. By the 26th both branches began weakening and thereafter till the end of the month rainfall was mainly confined to the west coast, Assam and Bengal while in the interior thunderstorm activity became marked. Widespread thunderstorms occurred on the north Madras coast on the 25th and in southeast Madras on the following day.

A strengthening of the Bay branch towards the end of the month produced unsettled conditions in the Bay off the Circars coast on the 29th, which concentrated into a depression by the 31st.

The total rainfall of the month was in moderate excess in the southwest Punjab and the Bombay Deccan, in slight excess in Bengal, Gujarat and the Konkan, and normal in Assam, the east and north Punjab, west Rajputana, the east Central Provinces, north Hyderabad, Malabar, southeast Madras and the Madras Deccan. It was in slight defect in Bihar, the west United Provinces, the North-West Frontier Province, east Rajputana, Central India, Berar, the west Central Provinces, south Hyderabad and the north Madras coast. Elsewhere, it was in moderate defect except in Baluchistan and Sind where it was in large defect. Averaged over the plains of India, the month's rainfall was 8 per cent below normal.

The mean maximum temperature was normal throughout the country except in east Central India where it was above normal. The mean minimum temperature was generally normal over the country.

Relative humidity was slightly in excess in west Rajputana, and normal elsewhere.

The mean cloud amount was slightly above normal in south Hyderabad and southeast Madras, and slightly below normal in west Rajputana. Elsewhere it was normal.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 31 sub-divisions; these means are based on observations at stations, the monthly mean data for which are given in the subsequent tables.

N.B.—The Indian Standard Time used in this publication is 6 Hrs. 30 Mins. in advance of G. M. T.

Poona No. 5: }
The 6th October 1945. }

N. K. SUR,
for Director-General of Observatories.

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS—AUGUST 1945

	RAINFALL.				DEPARTURE FROM NORMAL OF					RAINFALL.				DEPARTURE FROM NORMAL OF						
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.		
	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Division	"	"	"	"	"	"	"	"	"	Division—contd.	"	"	"	"	"	"	"	"	"	"
1. Assam	... 14.81	13.85	+ 0.96	+ 7	- 0.5	- 0.1	+ 0.2	+ 3	+ 1.3	9. Rajputana	... 5.49	6.19	- 0.70	- 11	- 1.0	- 0.1	+ 1.2	+ 4	- 0.8	
2. Bengal	... 16.11	14.39	+ 1.72	+ 12	+ 0.9	+ 0.6	+ 0.6	+ 1	+ 1.3	10. Bombay	... 9.50	7.81	+ 1.69	+ 22	- 0.9	+ 0.6	+ 0.9	+ 3	+ 0.1	
3. Orissa	... 8.85	12.72	- 3.87	- 30	+ 1.1	+ 0.6	+ 1.0	+ 1	+ 0.8	11. Central India	... 9.56	11.87	- 2.31	- 19	+ 1.4	+ 0.8	+ 0.9	+ 1	- 0.1	
4. Bihar	... 10.76	12.97	- 2.21	- 17	+ 1.6	+ 0.7	+ 0.8	0	+ 0.9	12. Central Provinces and Berar.	10.29	12.17	- 1.88	- 15	+ 0.7	+ 0.8	+ 1.1	+ 2	+ 0.6	
5. United Provinces	9.47	12.13	- 2.66	- 22	+ 1.2	+ 0.7	+ 0.7	+ 1	+ 0.2	13. Hyderabad	... 5.67	6.03	- 0.86	- 6	- 1.2	+ 1.1	+ 0.9	+ 5	+ 1.4	
6. Punjab	... 5.02	5.03	- 0.01	0	0	- 0.2	+ 0.9	+ 4	+ 0.1	14. Mysore	... 5.10	7.79	- 2.69	- 85	- 0.7	+ 0.6	+ 0.1	+ 2	+ 0.6	
7. North-West Frontier Province	1.34	1.76	- 0.42	- 24	- 1.0	- 1.2	- 1.1	0	+ 0.4	15. Madras	... 5.65	5.84	- 0.19	- 3	- 0.4	+ 0.5	+ 0.4	+ 2	+ 0.8	
8. Sind	... 0.14	1.76	- 1.62	- 92	+ 1.3	+ 1.2	+ 1.7	0	+ 0.3	Mean of India	... 8.09	8.83	- 0.74	- 8	+ 0.1	+ 0.6	+ 0.8	+ 2	+ 0.4	
Sub-division										Sub-division—contd.										
1. Bay Islands	...									18. Central India, West.	8.81	10.92	- 2.11	- 19	+ 0.6	+ 0.5	+ 0.8	+ 2	+ 0.2	
2. Assam	... 14.81	13.85	+ 0.96	+ 7	- 0.5	- 0.1	+ 0.2	+ 3	+ 1.3	19. Do. do. East.	10.56	13.14	- 2.58	- 20	+ 2.1	+ 0.7	+ 1.0	+ 1	- 0.5	
3. Bengal	... 16.11	14.39	+ 1.72	+ 12	+ 0.9	+ 0.6	+ 0.6	+ 1	+ 1.3	20. Berar	... 5.30	6.41	- 1.11	- 17	+ 0.5	+ 0.7	+ 1.5	+ 4	+ 0.1	
4. Orissa	... 8.85	12.72	- 3.87	- 30	+ 1.1	+ 0.6	+ 1.0	+ 1	+ 0.8	21. Central Provinces, West.	9.98	12.85	- 2.87	- 22	+ 1.1	+ 0.8	+ 1.1	+ 2	+ 0.6	
5. Chota Nagpur	... 10.11	13.75	- 3.64	- 26	+ 1.9	+ 1.1	+ 1.3	0	+ 0.5	22. Do. do. East.	12.65	13.65	- 1.00	- 7	+ 0.3	+ 0.9	+ 0.9	+ 2	+ 0.9	
6. Bihar	... 11.00	12.69	- 1.69	- 13	+ 1.4	+ 0.4	+ 0.5	+ 1	+ 1.2	23. Konkan	... 21.23	18.34	+ 2.94	+ 16	+ 0.8	+ 0.8	+ 0.5	+ 2	+ 0.2	
7. United Provinces, East.	8.85	12.12	- 3.27	- 27	+ 1.8	+ 1.0	+ 0.6	- 1	+ 0.3	24. Bombay Deccan	... 6.76	4.55	+ 2.21	+ 49	- 0.3	+ 0.7	+ 0.7	+ 3	+ 0.5	
8. Do. do. West.	10.10	12.13	- 2.03	- 17	+ 0.4	+ 0.3	+ 0.8	+ 2	0	25. Hyderabad, North	6.53	6.63	- 0.10	- 2	- 1.1	+ 1.2	+ 0.9	+ 5	+ 1.0	
9. Punjab, East and North.	6.61	7.18	- 0.57	- 8	0	- 0.2	+ 0.7	+ 4	+ 0.4	26. Do. South	4.82	5.43	- 0.61	- 11	- 1.3	+ 1.1	+ 0.9	+ 5	+ 1.6	
10. Do. Southwest.	3.16	2.51	+ 0.65	+ 26	0	- 0.1	+ 1.1	+ 3	- 0.3	27. Mysore	... 5.10	7.79	- 2.69	- 35	- 0.7	+ 0.5	+ 0.1	+ 2	+ 0.6	
11. Kashmir	... 1.49	2.82	- 1.33	- 47	- 0.5	- 0.6	- 0.5	+ 1	- 0.2	28. Malabar	... 15.08	14.83	+ 0.25	+ 3	+ 0.4	+ 0.3	+ 0.5	+ 1	+ 0.5	
12. North-West Frontier Province.	1.34	1.76	- 0.42	- 24	- 1.0	- 1.2	- 1.1	0	+ 0.4	29. Madras, Southeast	3.64	3.51	+ 0.13	+ 4	- 0.3	+ 0.5	- 0.1	+ 1	+ 1.2	
13. Baluchistan	... 0.35	0.71	- 0.36	- 51	+ 0.8	+ 1.3	+ 1.4	+ 3	+ 0.2	30. Do. Deccan	3.64	3.79	- 0.15	- 4	- 1.7	+ 0.2	+ 0.9	+ 3	+ 0.9	
14. Sind	... 0.14	1.76	- 1.62	- 92	+ 1.3	+ 1.2	+ 1.7	0	+ 0.3	31. Do. Coast, North	4.14	5.36	- 1.22	- 23	- 0.1	+ 0.8	+ 0.9	+ 1	+ 0.8	
15. Rajputana, West.	3.58	3.79	- 0.21	- 6	- 1.1	- 0.4	+ 1.9	+ 6	- 1.2											
16. Rajputana, East.	7.40	8.60	- 1.20	- 14	- 0.9	+ 0.2	+ 0.8	+ 3	- 0.3											
17. Gujarat	... 6.07	5.49	+ 0.58	+ 11	- 0.6	+ 0.5	+ 1.1	+ 3	- 0.2											

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Rel. hum.			
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean	Departure from normal.	Highest.	Date.	Mean	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Bay Islands																							
Port Blair	261																						
Assam																							
Dibrugarh	948	992.0	- 0.3	988.2	87.2	0	93	17,21,22	76.1	+ 0.2	74	4 days	79.5	83.8	77.7	79.8	31.5	+ 0.1	32.9	92	+		
Sibsagar (B)	317																						
Tezpur	258	994.0	- 1.3	990.9	88.8	- 0.6	94	27	76.5	- 1.2	70	4 days	80.8	85.0	78.8	80.2	32.7	+ 0.4	32.9	92	+		
Gauhati	182	996.7	- 0.3	993.3	90.1	- 0.2	92	6 days	78.5	+ 0.5	75	21	81.7	85.6	79.3	79.9	33.1	+ 0.8	32.4	89	+		
Dhubri	115	998.5	- 0.8	995.4	86.6	+ 0.3	91	28	77.6	- 0.9	72	11,13	80.5	84.3	78.5	80.3	32.4	0	33.5	92	+		
Silchar	96	1001.0	- 0.1	991.1	88.2	- 1.3	92	5 days	77.2	+ 0.3	75	6	79.9	84.1	78.3	79.9	32.4	+ 0.3	33.1	92	+		
Srimangal	69	1001.3	- 0.3	998.0	88.3	- 1.8	93	24	76.6	+ 0.4	72	6	79.8	82.9	77.9	79.9	31.8	+ 0.2	33.5	91	+		
Bengal																							
Cox's Bazar	38	1003.4	+ 0.7	1000.7	85.3	0	90	31	76.1	0	71	20	80.4	80.5	78.9	78.2	33.1	+ 1.7	31.8	96	+		
Chittagong	87	1001.0	- 0.1	998.1	85.1	- 0.8	89	5 days	77.1	+ 0.7	74	1	80.1	81.6	77.4	78.4	31.0	0	31.8	88	+		
Noakhali (B)	22																						
Comilla	29	1002.1	- 0.7	999.1	86.8	- 0.7	91	25	77.6	+ 0.7	72	20	80.7	84.5	78.6	79.9	32.5	+ 0.7	32.8	91	+		
Brahmanbaria	32	1002.1		999.0	87.3	- 2.1	91	25	78.1	+ 2.5	75	7	81.5	84.4	79.0	80.0	32.7	+ 2.2	32.9	89	+		
Narayanganj	26	1001.8	- 0.3	998.8	87.7	- 0.1	91	3,6,8	79.2	+ 0.4	76	18	92.7	85.6	79.5	80.3	33.1	+ 0.4	34.8	86	-		
Mymensingh	62	1000.9	- 0.4	997.8	86.8	- 0.9	92	2	77.8	- 0.5	75	6,7	81.3	84.1	79.0	80.1	32.7	+ 0.2	33.3	90	+		
Faridpur	27	1001.2	- 0.5	998.0	87.0	- 0.1	91	4,7	79.2	+ 0.5	76	1	83.4	84.7	80.0	80.5	33.4	+ 0.2	33.7	86	-		
Barisal	11	1002.1	- 0.2	999.3	87.3	+ 0.4	93	2,3	78.4	+ 0.1	75	1	82.6	83.5	73.6	79.7	33.1	+ 0.5	32.8	87	-		
Katina	16	1002.1	+ 0.4	999.0	89.1	+ 1.2	95	2,3	79.5	+ 1.0	76	18,19	83.6	85.1	80.1	80.2	33.5	+ 1.0	32.9	86	-		
Jessore	26	1001.3	- 0.1	997.5	89.7	+ 1.6	93	5 days	78.3	+ 0.5	75	1,18,19	83.2	85.2	81.1	81.9	35.3	+ 2.0	35.6	90	+		
Satkhira	16	1001.3	0	998.4	89.6	+ 1.1	93	6 days	78.8	+ 0.4	75	18	83.3	86.2	80.7	80.8	34.7	+ 1.2	33.4	88	-		
Dum Dum (B)	33																						
Calcutta	21	1001.2	+ 0.1	998.0	90.9	+ 1.9	96	4,5,6	80.0	+ 1.7	76	18	89.2	86.9	80.4	81.2	34.1	+ 1.1	34.5	88	-		
Saugor Island	10	1001.6	+ 0.4	999.0	86.8	- 0.1	90	4,5,7	80.8	+ 1.2	76	12	83.6	84.5	80.0	80.2	33.4	+ 0.3	33.1	85	-		
Sandheads	28	1001.2	+ 0.2	998.5																			
Midnapore	149	996.7	+ 0.2	993.4	91.5	+ 2.3	97	5,6	79.2	+ 0.8	76	17	82.3	86.8	79.0	79.6	32.3	+ 0.1	31.3	86	-		
Burdwan (B)	106																						
Krishnagar	48	1000.1	- 0.5	997.0	91.1	+ 1.6	96	4	78.5	+ 0.1	76	11,18,19	82.6	86.6	80.3	81.4	33.9	+ 0.8	34.3	90	+		
Asansol	414	987.1	0	983.9	90.3	+ 1.5	96	4,5	78.5	+ 1.0	76	5 days	82.4	85.3	79.1	79.9	32.4	0	32.4	85	-		
Berhampore	62	999.4	- 0.4	996.2	91.8	+ 2.7	98	4	79.5	+ 0.7	77	7	63.6	86.3	80.3	80.9	33.7	+ 0.4	33.5	85	-		
Bogra	63	999.6	- 0.8	996.8	88.7	- 0.1	95	5	78.6	0	75	6,7	82.1	85.6	79.3	81.3	34.0	+ 0.9	34.4	90	+		
Mailda	103	998.1	- 0.7	995.2	87.7	- 1.4	94	6	79.0	- 0.1	75	7	82.9	85.6	79.8	80.0	33.4	0	32.5	87	+		
Dinajpur	123	998.0	+ 0.1	994.7	88.8	- 0.2	93	5,6	78.3	- 0.6	75	6,29	81.9	85.9	79.3	80.8	33.1	+ 0.3	33.6	89	+		
Jalpaiguri	271	998.2	- 0.5	989.9	87.8	- 1.0	92	5,24	76.8	- 0.5	74	8,9	79.8	84.8	77.3	79.8	30.9	- 1.5	32.4	89	-		
Orissa																							
Balasore	65	999.2	- 0.1	996.3	89.2	+ 0.9	96	4	79.4	+ 1.0	75	5,11	83.0	85.4	80.1	81.2	33.7	+ 1.5	34.5	86	+		
Chandballi	20	1001.5	+ 0.2	993.7	89.3	+ 1.0	95	3,4,5	78.9	+ 0.5	75	15	82.7	85.4	79.5	79.9	33.1	+ 0.6	32.4	86	-		
Puri	20	1001.9	+ 0.5	999.1	88.7	+ 1.1	96	4	80.3	+ 0.7	76	11	83.6	84.8	80.8	80.3	34.5	+ 1.9	33.3	81	-		
Gopalpur	56	1000.6	+ 0.4	997.9	88.2	+ 0.4	95	4	78.7	- 0.1	75	1	83.9	84.5	79.6	80.6	32.5	+ 0.5	33.8	82	-		
Cuttack	87	999.5	+ 0.3	996.4	90.8	+ 1.8	97	4,5	79.2	+ 1.1	75	12	82.2	86.1	75.8	79.9	32.0	+ 0.9	32.1	87	+		
Angul	455	986.7	+ 0.4	983.7	89.8	+ 2.2	97	5,6	77.5	+ 0.6	75	4 days	81.5	84.6	77.4	78.3	30.3	+ 0.3	30.3	83	-		
Sambalpur	486	985.4	0	982.4	87.2	+ 0.5	95	5	77.2	+ 0.3	74	17,18	79.5	84.5	77.4	79.0	31.2	+ 1.1	31.3	91	+		
Chota Nagpur	423	986.9	- 0.2	983.8	91.1	+ 2.2	97	4,5	78.6	+ 0.6	76	18,9,22	81.7	85.6	76.1	79.2	32.3	+ 1.6	33.1	85	-		
Jamshedpur	742	976.0	+ 0.1	973.0	89.9	+ 1.6	96	5	78.0	+ 1.1	74	19	80.9	86.2	77.8	79.5	31.2	+ 1.2	31.5	88	+		
Ranibari	2,150	980.2	+ 0.7	927.9	85.2	+ 1.9	92	7	73.0	+ 0.2	71	18,19,27	77.3	79.8	74.6	75.0	27.9	+ 1.0	27.2	87	-		
Hazaribagh (B)	2,006	975.3	+ 1.8	973.3	90.8	+ 2.1	97	9,10	79.6	+ 2.7	76	6 days	81.7	85.5	78.2	80.1	31.4	+ 1.4	32.6	85	-		
Daltonganj	725	976.3	+ 1.8	973.3	90.8	+ 2.1	97	9,10	79.6	+ 2.7	76	6 days	81.7	85.5	78.2	80.1	31.4	+ 1.4	32.6	85	-		
Dhanbad	839	973.1			89.3				96	7	76.0		73	19	81.2		77.8		30.9		85		
Bihar																							
Purnea	124	997.4	- 0.5	994.0	89.9	+ 0.8	94	5,6,10	78.5	0	74	7	81.8	86.6	79.1	80.8	32.8	- 0.5	33.1	88	-		
Darbhanga	161	995.8	- 0.4	992.3	91.1	+ 2.0	96	5	79.0	- 0.1	74	7,11,12	82.4	88.4	79.6	82.3	33.4	+ 1.0	34.8	89	+		
Motihari	218	993.2	- 1.3	990.1	89.9	+ 0.5	94	5,25,26	78.1	- 0.2	74	10,11	82.9	88.1	79.4	81.3	32.7	+ 0.2	33.3	85	-		
Patna	173	994.9	- 0.6	991.9	90.9	+ 1.5	96	5	80.3	+ 0.6	78	30	83.4	87.8	79.3	80.5	32.4	- 0.8	32.1	89	-		
Dehri	352	988.3			985.2	91.1			97	7,9,11	79.8		75	27	83.4	86.9	79.5						

AND 18 HRS. I. S. T. (11-30 HRS. G. M. T.)—AUGUST 1945

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10 or more).		Wind velocity miles per hour.		Wind direction—Number of winds from												STATION.											
Mean 9 hrs. I. S. T.	Departure from normal.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.						18 hrs. I. S. T.																		
24	25	26	27	28	29	30	31	32	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52							
										N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm							
10.0	+ 2.1	7.3	14.61	- 3.15	1.67	1	20	+ 1.3	1.4	+ 0.4	9	5	8	2	0	0	3	4	0	4	3	3	1	0	0	3	3	15	Bay Islands					
8.2	+ 0.1	7.5	9.49	- 3.53	2.65	12	16	+ 0.1	1.2	- 0.2	1	4	10	3	1	2	1	2	7	0	2	4	1	0	4	2	2	16	Port Blair					
8.8	+ 1.2	7.3	7.83	- 2.43	2.35	29	8	- 5.1	2.1	+ 0.8	2	6	4	4	3	2	3	3	4	3	7	2	0	3	7	6	3	0	0	Assam				
8.5	+ 1.3	7.9	25.54	+ 12.25	3.97	8	19	+ 4.4	3.9	+ 0.4	0	2	8	3	6	3	0	1	8	1	1	3	5	4	3	11	3	13	Dibrugarh					
9.6	+ 1.6	9.0	26.85	+ 6.59	2.69	12	26	+ 3.8	1.2	- 0.3	1	3	1	12	1	5	0	3	0	1	4	0	2	0	6	4	11	3	11	Sibsagar (E)				
8.4	+ 1.8	8.6	15.23	+ 0.93	5.90	6	23	+ 2.9	4.0	+ 0.6	0	5	1	9	16	0	0	0	0	1	3	3	3	11	6	1	0	0	Tezpur					
9.4	+ 1.7	9.4	50.70	+ 22.95	6.60	26	25	+ 3.1	5.1	+ 0.7	0	0	3	12	9	2	0	0	5	0	0	1	8	18	2	0	0	0	Cox's Bazar					
9.4	+ 1.5	9.4	26.48	+ 6.06	4.25	18	18	+ 0.9	4.5	- 2.8	0	0	1	10	12	4	0	0	4	0	0	0	2	13	13	2	0	0	Chittagong					
9.3	+ 2.3	8.8	12.28	- 4.90	2.02	15	21	+ 3.2	8.8	+ 4.2	0	0	0	19	10	0	0	0	2	0	0	0	9	22	0	0	0	0	Noakhali (R)					
7.3	7.3	8.92	- 3.74	2.72	28	16	- 0.8	5.5	0	0	1	8	18	3	0	0	1	1	0	0	8	11	2	0	0	0	0	0	0	9	Comilla			
9.2	+ 3.6	7.9	11.39	- 1.87	2.93	16	12	- 5.6	4.2	- 0.4	0	0	5	5	17	1	1	0	2	0	0	1	5	22	3	0	0	0	Narayanganj					
9.2	+ 0.7	8.1	21.98	+ 6.49	2.55	28	25	+ 6.3	3.2	+ 1.0	0	0	9	9	2	1	0	0	10	0	1	10	9	2	0	2	0	7	Mymensingh					
9.1	+ 1.6	8.7	9.54	- 2.59	1.52	18	14	- 3.1	6.6	+ 0.2	0	0	1	17	11	0	0	0	2	0	0	0	16	12	0	0	0	0	3	Faridpur				
8.5	+ 0.8	7.6	17.60	+ 2.66	4.80	17	21	+ 1.3	4.6	+ 1.7	0	0	1	4	16	4	0	0	6	0	0	0	4	21	2	0	0	0	4	Barisal				
9.0	+ 0.5	9.0	11.12	- 2.67	3.89	17	17	- 1.4	4.3	+ 0.2	0	0	2	9	10	7	1	1	0	0	1	17	10	2	0	0	0	1	Khulna					
6.6	- 1.3	7.1	14.76	+ 3.72	3.25	11	12	- 3.6	5.0	+ 2.2	0	0	4	7	13	7	0	0	0	0	0	1	8	15	0	0	0	0	1	Jessore				
8.8	+ 1.5	8.6	11.07	- 0.50	3.90	18	17	- 0.2	3.2	+ 0.6	0	1	2	4	10	3	1	0	10	0	0	3	2	18	2	1	0	0	5	Satkhira				
8.7	+ 0.9	8.4	6.53	- 6.33	1.05	18	14	- 4.0	2.9	- 0.5	0	0	3	2	6	13	2	0	5	0	0	0	4	13	9	2	0	0	3	Dum Dum (R)				
7.5	- 1.0	7.3	13.46	+ 0.18	7.02	16	11	- 5.3	15.2	+ 4.6	1	1	1	1	4	17	5	0	1	0	0	0	4	14	11	2	0	0	0	0	Calcutta			
7.5	+ 0.2	7.8	6.25	- 2.59	1.68	18	9	- 3.0	0	1	0	0	1	6	17	6	0	0	1	0	1	3	22	3	1	0	0	4	Saugor Island					
8.8	+ 1.7	9.4	8.29	- 4.46	1.36	18	10	- 6.8	4.0	+ 1.8	0	0	3	0	8	15	2	0	3	0	0	0	1	20	6	0	0	0	4	Sundheads				
9.2	+ 1.4	9.2	11.11	+ 0.73	2.94	18	15	- 0.3	3.5	0	0	5	0	10	3	10	0	1	2	0	1	1	16	3	2	0	1	7	Midnapore					
9.3	+ 1.1	9.6	11.97	- 1.31	2.00	28	15	- 2.0	4.2	- 0.5	2	1	9	5	1	4	7	1	2	4	4	7	2	2	3	3	4	Krishnagar						
8.9	+ 0.6	8.2	9.16	- 2.25	2.89	18	10	- 6.3	2.4	- 0.6	0	0	5	4	10	1	0	0	11	0	0	4	3	12	0	0	1	11	Asansol					
9.0	+ 1.4	8.0	17.67	+ 4.67	1.84	6	20	+ 3.6	3.1	+ 1.1	0	0	5	11	5	6	3	0	1	0	0	9	15	3	2	1	0	1	Berhampore					
8.7	+ 1.7	8.3	7.81	- 3.21	2.11	16	18	+ 3.4	4.7	0	2	4	6	6	6	4	1	0	2	1	2	10	6	5	3	0	2	2	2	Malda				
9.2	+ 1.8	8.5	19.13	+ 5.42	6.26	29	21	+ 5.7	3.8	+ 1.2	1	5	11	1	3	3	1	0	0	4	12	3	2	4	0	1	5	5	1	Dinajpur				
9.0	+ 2.8	8.2	35.97	+ 10.70	5.94	7	23	+ 2.6	3.8	+ 2.1	3	7	11	2	0	2	1	1	4	0	2	6	11	6	3	2	1	0	Jalpaiguri					
9.1	+ 1.8	9.5	13.60	+ 1.84	2.35	5	14	- 0.8	5.8	+ 2.2	0	1	0	0	7	16	1	1	5	0	0	1	7	9	9	1	1	3	Orissa					
7.4	- 0.2	8.4	4.87	- 9.80	1.25	18	11	- 4.8	5.6	- 1.0	0	0	0	2	8	11	9	0	1	0	1	2	9	8	9	2	0	0	0	0	Chandbali			
8.0	+ 1.0	8.5	7.22	- 3.70	1.64	11	16	+ 3.1	12.8	+ 2.9	4	0	1	1	1	1	15	8	1	0	0	0	1	0	8	7	14	0	1	0	0	Gopalpur		
7.6	+ 1.4	7.8	2.37	- 5.33	0.67	13	5	- 5.8	10.8	+ 3.1	5	2	0	2	4	12	3	3	0	0	1	0	1	3	2	1	0	13	Cuttack					
8.0	+ 0.5	8.2	12.27	- 1.13	2.47	24	15	- 0.8	3.4	+ 1.2	0	1	1	0	0	3	9	3	14	1	0	1	0	0	6	5	4	1	1	5	Angul			
7.2	- 0.3	8.5	8.11	- 3.45	2.07	29	13	- 2.1	4.3	- 0.6	2	0	1	0	1	0	7	5	15	0	0	0	5	5	3	10	3	5	7	Sambalpur				
10.0	+ 1.7	10.0	13.48	- 5.56	2.10	27	19	+ 0.1	5.2	+ 1.6	0	0	0	0	0	7	13	0	0	11	0	1	0	0	0	9	9	3	2	7	Chota Nagpur			
8.6	0	9.2	10.71	- 4.70	3.25	29	11	- 7.0	4.3	+ 0.3	0	2	4	1	0	7	11	1	1	5	1	1	8	3	0	5	5	3	5	Jamshedpur				
9.2	+ 1.2	9.4	9.13	- 3.11	1.51	17	14	- 2.6	2.3	+ 0.2	0	1	0	0	4	14	1	2	9	1	1	3	1	1	6	10	4	2	3	3	16	Ranchi		
7.9	- 0.5	9.0	15.80	+ 1.96	5.80	30	17	- 1.6	3.4	- 1.2	0	0	2	0	2	0	2	11	1	1	14	1	1	0	3	1	5	3	2	0	0	16	Hazaribagh (R)	
7.5	+ 1.2	8.9	4.82	- 8.69	0.70	28	12	- 4.4	3.3	0	0	1	2	5	1	3	11	0	8	1	3	5	5	2	2	9	1	3	6	6	1	1	6	Bihar
				7.33	2.02	18	14		4.6		0	2	5	5	1	12	3	0	3															Purnea
8.6	+ 1.3	7.8	16.81	+ 3.66	5.20	29	14	- 2.2	3.3	+ 1.0	1	2	17	0	0	1	4	0	6	0	2	14	4	0	3	1	1	6	0	0	0	0	0	Darbhanga</td

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of bar. above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.		Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Rela humi %			
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean	Departure from normal.	Highest.	Date.	Mean	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 18 hrs. I. S. T.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
U. P., East																					
Gonda	360	988.7		985.3	90.8	+ 1.0	97	9, 10, 11	79.2	+ 0.7	77	4 days	82.2	87.8	79.3	81.1	32.8	+ 0.5	33.3	88	+
Gorakhpur	254	991.7	- 1.0	988.3					79.7	+ 1.0	77	7, 28	82.3	87.7	79.4	81.7	32.9	+ 0.3	33.3	88	
Benares	250	991.6	- 0.7	988.5	92.2	+ 2.6	100	3, 11	79.5	+ 1.0	77	2, 11, 12	82.6	89.8	80.0	82.6	33.8	+ 1.5	34.9	88	+
Allahabad (Bamrauli)	322	989.3	- 0.5	986.1	93.2	+ 3.8	102	9, 10, 11	80.1	+ 1.6	76	17	83.2	90.8	78.8	80.3	31.6	- 0.8	30.5	82	-
Fatehpur	375	987.0		983.9	93.0	+ 3.3	103	10, 11	79.7	+ 1.2	77	2, 7, 28	82.7	89.5	79.6	81.5	33.1	+ 0.5	33.1	86	-
Cawnpore	413	986.0	- 0.6	982.9	92.4	+ 2.7	103	10	79.4	+ 0.7	77	4 days	82.3	88.7	79.0	81.0	32.3	+ 0.2	32.7	86	-
Lucknow	371				92.3	+ 1.8	100	9, 10	79.5	+ 0.9	76	23	83.0	87.9	79.6	81.1	32.9	+ 0.7	33.1	86	
Bahraich	407	986.1	- 1.0	983.2	90.7	+ 0.6	97	9, 10	79.6	+ 1.2	76	6	82.4	88.4	79.1	80.9	33.4	+ 1.6	34.6	86	+
U. P., West																					
Jhansi	824	972.3	- 1.1	969.6	90.0	+ 0.7	99	10, 11	77.6	+ 0.4	73	31	80.0	87.2	76.9	78.8	30.2	+ 0.9	29.8	87	+
Agra	553	981.2	- 0.7	978.2	92.1	+ 0.7	102	12	79.2	+ 0.3	75	12, 24, 27	81.0	89.1	78.3	81.3	31.5	+ 2.0	32.9	89	+
Mainpuri	516	982.4	- 0.7	979.5	92.5	+ 0.7	103	9, 10, 12	78.3	- 0.2	72	18	81.9	89.2	78.4	80.8	31.6	+ 0.2	32.0	86	+
Aligarh	615	978.9		976.2	92.7	+ 1.2	103	12	78.7	+ 0.4	75	24	82.0	89.3	78.1	80.0	31.0	+ 0.5	30.6	84	+
Bareilly	568	980.6	- 1.1	977.3	90.9	+ 0.7	99	11	78.8	+ 0.6	74	12	82.4	88.1	78.9	80.8	32.2	+ 0.5	32.5	86	-
Roorkee	899	969.6	- 1.0	966.9	90.6	+ 0.9	96	11, 12	77.4	+ 0.8	74	26	81.3	87.8	77.7	79.1	30.8	+ 0.7	30.1	85	
Dehra Dun	2,239	926.2	- 0.7	924.0	82.3	- 1.9	91	11	73.4	+ 0.5	69	3	77.3	81.8	74.3	76.1	27.6	+ 0.5	28.2	87	-
Punjab, E. and N.																					
New Delhi	714	975.5	- 1.1	974.7	94.4	+ 1.4	104	12	79.3	+ 0.9	75	17, 23	82.6	90.9	77.4	79.3	29.8	0	28.9	79	-
Hissar	725	975.4	- 0.4	973.1	96.9	+ 0.6	105	12	78.6	- 0.4	74	9	81.7	91.9	77.5	80.8	30.4	+ 1.5	30.9	81	+
Ambala	892	969.6	- 0.8	967.2	93.6	+ 0.4	103	12	78.4	+ 0.4	75	25	81.0	90.5	77.8	80.6	31.1	+ 0.7	31.1	86	+
Ludhiana	812	972.3	- 0.6	969.5	94.9	0	104	12	78.6	- 0.6	75	8, 24, 25	83.0	91.4	78.0	80.4	30.5	+ 0.8	30.4	80	+
Lahore	702	975.3	- 0.6	972.9	96.0	- 1.0	102	12, 31	78.8	+ 0.1	72	27	81.8	91.7	79.0	82.3	32.5	+ 2.6	32.0	88	+1
Sialkot	830	971.6	- 0.5	968.8	93.9	- 0.3	101	31	78.2	0	73	19	82.4	92.4	77.9	80.3	30.6	- 0.2	29.8	81	-
Rawalpindi	1,674	943.9	- 0.4	941.3	92.3	- 1.4	99	12	73.4	- 2.1	69	4	77.2	90.8	74.2	79.3	27.3	- 0.4	25.9	87	+1
Punjab, Southwest																					
Khubshab	612	977.8	- 1.1	975.2	97.6	- 2.2	104	24	80.1	- 1.0	73	22	84.6	95.6	79.5	80.4	31.9	+ 2.2	28.9	77	+
Lyallpur	605	977.9	- 0.9	975.7	97.3	- 0.7	104	12	80.4	- 0.1	72	1	83.8	95.0	78.3	80.5	30.6	+ 1.6	28.9	77	+
Montgomery	558	979.6	- 0.8	976.9	98.4	- 1.7	104	12	79.8	- 1.9	72	1, 24	83.7	95.3	78.2	79.6	30.5	- 0.5	27.4	78	+
Leiah	490	981.6		977.0	101.6		107	12, 15, 18	82.7		74	7	86.1	99.6	79.4	82.7	31.3		30.3	74	
Multan	413	984.8	0.8	982.3	102.0	+ 3.1	106	15, 18	82.9	0	73	19	85.4	100.5	80.0	82.8	32.5	+ 0.9	30.1	77	+
Fort Abbas	475	982.9		980.2	100.8		106	12, 18	82.7		73	24	85.2	98.3	78.7	81.0	30.2		28.1	74	
Bahawalpur	384	945.7	- 0.4	982.8	101.3	+ 0.7	106	4 days	82.9	+ 1.2	76	25	84.9	100.8	78.3	81.6	30.1	- 1.2	28.1	74	
Khanpur	297	985.7	- 0.4	985.6	103.2	+ 0.7	106	12	82.2	+ 0.9	73	19	84.6	102.6	79.6	84.3	31.8	+ 3.8	31.2	81	+1
Kashmir																					
Srinagar	5,205	834.9	- 0.4	881.9	88.6	+ 2.0	94	12, 22	63.1	- 0.3	62	30	68.4	85.0	64.4	70.1	19.0	- 0.9	19.5	81	-
Gulmarg	8,709	737.6	+ 0.6		68.7	- 0.2	75	22	52.3	+ 0.7	40	29, 30	55.4	55.7	13.3	- 0.5	89	+ 1			
Dran	10,059	701.4	+ 0.2	698.7	72.7	- 3.2	80	11, 23	49.2	- 0.7	40	28, 29	55.4	69.4	50.4	54.1	10.9	- 0.1	9.5	72	+
Leb	11,529	665.6	+ 0.4	661.4	75.8	- 0.1	81	23	49.3	- 0.4	42	6, 7	54.5	73.1	47.6	53.9	9.2	- 0.4	8.4	66	+
Skardu	7,505	761.8		751.5	68.2	+ 0.9	91	23	60.5	- 1.0	50	28	65.5	84.2	55.5	61.8	11.4	- 1.9	10.7	54	-1
Gilgit	4,890	844.3		839.9	93.4	- 0.3	95	11, 12	65.9	- 2.1	52	30	75.6	93.3	64.1	69.8	15.7	- 2.2	16.4	63	-
Misgar	10,190	699.1		695.9	73.6		81	12	52.9		42	30	54.9	70.4	46.5	51.9	8.1		7.6	56	
N.-W. F. Province																					
Peshawar	1,175	960.2	- 0.2	957.0	96.0	- 2.1	102	6, 12	77.4	- 1.6	71	7	80.7	95.1	75.5	79.5	27.5	+ 0.7	27.3	77	+
Bannu	1,264	966.3		953.8	97.3	- 2.7	100	12	79.9	- 0.4	70	28	84.6	93.0	76.4	79.8	27.1	- 0.1	28.8	69	+
Miranshah	3,026	899.5		898.6	94.0	+ 0.8	102	12	75.2	- 1.5	65	1	80.5	91.2	69.3	69.8	16.3	- 6.2	16.1	47	-1
Dera Ismail Khan	570	979.0	- 0.5	976.4	100.7	+ 0.2	102	12	79.9	- 1.1	72	1, 19	81.5	99.4	79.6	83.9	31.9	+ 1.0	32.6	81	+
Baluchistan																					
Port Sundeman	4,614	852.4	- 0.2	849.7	97.0	+ 0.1	101	1	72.9	- 0.4	62	16	76.1	92.8	69.8	70.0	21.8	+ 2.1	15.7	71	+1
Loralai	4,699	848.5		846.5	91.6		97	1	67.9		62	29, 31	71.2	89.7	64.2	68.2	17.5		14.9	68	
Sibi	441	952.9	- 0.3	957.3	104.9	0	105	21, 22, 24	57.3	+ 2.0	52	5	89.2	103.8	79.3	82.8	29.6	+ 2.6	28.7	63	+
Quetta	5,190	821.9	- 2.6	822.7	93.7	94	12, 13	64.8	58	0	27, 31	72.9	91.9	59.2	59.7	12.2	- 2.5	6.0	45	-1	
Chaman	4,311	860.1	- 1.8	858.5	100.2	+ 1.9	105	12, 13	74.5	+ 1.2	55	2, 29, 30	80.9	99.3	65.7	77.5	15.5	+ 4.2	23.1	45	+1
Khelat	6,616	795.6	+ 0.3	793.7	88.9	- 0.9	92	7 days	74.5	+ 1.2	55	2, 29, 30	80.9	99.3	65.7	77.5	9.1	- 1.6	4.5	42	-
Dalbandin	2,785	907.6	- 0.2	905.8	106.7	+ 0.6	11	4	73.0												

Cloud amount (tenths of sky).	Rainfall, inches.						Number of rainy days (0-10° or more).	Wind velocity, miles per hour.	Wind direction—Number of winds from																STATION.						
	Mean 9 hrs. I. S. T.	Departure from normal.	Total of the month.	Departure from normal.	Highest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.								18 hrs. I. S. T.												
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	
7.5	- 0.2	7.2	6.33	- 9.32	1.40	31	12	- 1.5	4.1	+ 0.5	0	1	25	0	0	0	3	1	1	0	1	14	3	0	1	11	0	1	1	53	
7.7	+ 1.7	7.1	8.14	- 5.61	2.25	28	13	- 1.9	4.0	+ 2.0	2	5	10	5	2	4	0	0	3	0	5	2	10	1	5	4	0	4	4		
7.4	- 0.7	7.4	11.41	- 0.60	1.75	19	13	- 1.9	5.4	+ 2.2	3	2	7	2	3	9	6	0	1	1	8	5	2	0	2	12	1	0	0		
7.6	- 0.9	8.2	11.71	+ 1.68	2.64	17	11	- 3.7	3.9	- 0.4	2	1	4	1	0	9	10	0	4	4	3	4	0	0	2	7	5	6	6		
6.9	- 0.6	5.9	8.90	- 1.13	1.84	24	14	- 0.4	3.2	0	0	1	5	0	1	4	8	1	11	0	2	4	2	0	1	5	6	11	Fatehpur		
7.3	+ 1.5	7.0	9.45	- 1.75	3.35	24	10	- 3.3	6.3	- 0.1	1	5	5	3	1	9	5	1	1	3	7	3	2	0	4	7	5	0	Cawnpore		
7.5	+ 0.1	6.2	9.40	- 2.10	2.02	17	13	- 0.7			0	1	9	2	1	0	5	0	13	1	1	11	1	0	0	3	1	13	Lucknow		
7.5	+ 1.9	7.8	5.42	- 7.37	1.32	14	11	- 1.5	4.6	+ 2.4	0	0	13	10	0	4	0	1	3	0	0	10	8	1	5	1	4	2	Bahraich		
7.0	+ 0.7	7.5	6.34	- 5.25	1.46	31	11	- 2.3	5.0	+ 1.5	0	0	2	0	1	3	23	2	0	0	0	3	0	0	4	21	2	1	U. P., East		
6.6	- 0.4	7.1	12.55	+ 4.14	2.80	24	13	+ 2.7	2.7	- 1.0	1	5	3	0	2	6	2	0	12	1	2	1	1	6	4	4	2	10	Agra		
6.7	- 0.2	6.9	10.48	+ 1.43	1.92	12	13	+ 2.5	2.6	+ 0.7	0	1	5	6	1	4	7	4	3	1	2	4	5	1	2	6	4	6	Mainpuri		
6.2	+ 0.4	6.3	7.05	- 0.88	1.46	25	12	+ 2.6	4.2	+ 0.1	5	1	9	1	1	1	8	1	4	3	1	6	3	3	3	4	4	4	Aligarh		
7.0	- 0.4	6.8	8.59	- 3.01	2.67	17	11	- 1.3	3.5	+ 1.7	2	2	11	5	2	1	2	3	3	2	4	4	6	3	2	5	5	0	Bareilly		
7.1	+ 0.5	6.0	14.28	+ 3.06	2.82	26	12	+ 0.2	2.9	+ 0.9	0	1	0	14	0	0	0	6	10	0	0	1	16	0	2	0	10	2	Roorkee		
7.7	- 0.4	7.3	14.04	- 14.73	2.14	21	18	- 3.3	1.5	+ 0.1	0	2	0	4	3	0	5	2	15	2	1	0	2	6	4	5	4	7	Dehra Dun		
6.6	+ 0.5	7.3	6.35	- 0.90	2.60	23	8	- 1.0	5.2		1	7	3	1	0	8	8	1	2	1	6	6	1	1	4	6	4	2	Punjab, E. and N. New Delhi		
2.7	- 1.0	4.2	4.57	- 0.30	2.05	25	8	+ 2.5	4.9	0	0	5	2	4	8	5	1	6	1	4	3	4	4	3	4	3	5	Hissar			
4.9	- 1.0	5.0	7.06	- 0.83	2.79	26	8	- 1.0	2.9	+ 0.6	0	1	0	16	0	5	0	1	8	0	3	0	13	0	3	0	10	2	Ambala		
6.4	+ 1.8	6.9	4.66	- 1.99	2.21	24	9	+ 1.7	1.4	- 0.1	0	2	2	12	2	3	0	1	9	0	9	2	4	1	5	1	7	2	Ludhiana		
4.1	+ 0.2	5.3	4.25	- 0.90	0.87	7	8	+ 2.3	1.9	0	2	2	4	6	5	3	1	0	8	0	6	3	0	0	2	3	4	13	Lahore		
4.6	+ 0.4	3.4	7.28	- 2.02	2.45	13	8	- 1.0	2.6	+ 0.8	3	10	9	4	1	2	0	1	7	2	2	1	5	5	3	1	2	6	Sialkot		
6.4	+ 2.1	3.3	12.13	+ 2.96	4.11	18	15	+ 5.9	1.8	+ 0.2	0	9	3	4	1	2	4	2	6	0	2	0	8	5	6	1	1	8	Rawalpindi		
2.9	- 0.1	2.4	2.79	- 0.72	1.67	1	4	+ 0.3	5.2	- 0.1	1	15	8	4	0	2	0	0	1	0	11	7	9	2	1	1	0	0	0	Punjab, Southwest	
3.0	- 1.3	4.0	6.86	+ 3.28	2.59	24	4	- 1.3	2.7	0	0	2	4	5	6	6	0	1	7	1	6	2	4	4	11	0	1	2	Layallpur		
2.0	- 0.4	3.0	6.76	+ 3.86	2.64	24	5	+ 1.3	2.3	- 2.6	0	1	0	9	4	6	0	1	10	0	1	1	4	4	3	2	1	15	Montgomery		
1.5	2.5	1.31	0.58			18	3		6.5		1	5	4	7	8	4	2	0	0	0	0	2	3	5	16	4	1	0	Leiah		
3.4	+ 1.2	2.8	0.42	- 1.40	0.35	19	1	- 1.5	4.1	+ 1.8	3	1	0	0	20	3	1	0	3	2	2	1	5	5	8	1	2	5	Multan		
4.1	5.7	2.67	1.16			24	6		7.8		1	1	4	0	5	17	1	0	2	4	2	2	5	11	3	2	0	Fort Abbas			
2.6	- 0.2	1.4	2.12	+ 0.79	2.12	15	1	- 1.3	4.8	+ 0.4	0	0	1	1	11	12	0	0	6	4	1	2	2	2	13	1	1	5	Bahawalpur		
1.6	- 1.1	1.3	0	- 1.93	0	0	0	- 2.4	6.3	- 1.0	0	0	0	0	0	29	0	0	2	1	3	0	0	0	27	0	0	0	Khanpur		
1.6	- 1.1	1.3	0	- 1.93	0	0	0	- 2.4	6.3	- 1.0	0	0	0	0	0	29	0	0	2	1	3	0	0	0	27	0	0	0	Kashmir		
5.9	+ 1.2	5.5	0.72	- 1.70	0.39	13	2	- 3.3	2.4	+ 0.1	1	0	1	11	5	1	0	6	6	0	3	0	5	1	2	6	13	1	1	5	Srinagar
4.6	- 0.6	2.56	2.08	- 0.60	0.60	4	6	- 3.9	3.1	+ 0.4	0	2	2	4	1	4	0	0	18										Gulmarg		
2.4	- 1.2	5.7	0.20	- 0.35	0.10	24	1	- 0.7	6.5	+ 0.3	0	0	0	0	0	0	0	0	31	6	3	0	1	3	3	1	13	1	1	5	Dras
5.9	+ 1.2	5.1	0.25	- 0.34	0.06	14	0	- 1.9	3.1	+ 1.4	0	0	1	0	2	2	2	0	14	1	3	1	0	3	15	6	0	2	Leh		
3.0	- 0.9	5.9	0.10	- 0.24	0.03	4	0	- 1.1	4.8	+ 0.6	0	0	0	0	0	0	7	0	24	0	1	0	2	2	5	3	2	16	Skardu		
4.6	+ 1.0	5.2	0.52	- 0.03	0.15	24	2	+ 0.3	0.6	- 0.3	0	0	0	0	0	2	1	0	23	0	0	0	0	0	0	0	0	28	Gilgit		
4.1	5.6	1.05	0.30			28	5		5.3		1	5	4	0	0	0	0	7	2	12	0	0	11	10	0	0	7	1	2	0	Missgar
4.7	+ 0.7	3.8	3.09	+ 1.06	2.87	7	2	- 0.5	5.5	+ 3.5	7	6	0	1	0	1	2	8	6	5	19	4	0	0	1	0	2	0	0	N.-W. F. Province	
4.1	+ 1.5	4.9	1.22	- 0.87	1.14	1	1	- 2.1	4.3		4	6	2	5	1	0	1	1	11	0	4	3	16	5	2	1	0	0	Bannu		
2.9	+ 0.1	4.5	0.33	- 0.58	0.16	1	2	- 0.6	7.3	+ 1.1	0	3	2	1	0	0	0	0	25	0	0	24	4	2	1	0	0	0	1	Miranshah	
1.6	- 0.7	3.5	0.73	- 1.17	0.29	16	3	+ 0.7	3.3	+ 1.6	1	15	2	4	2	1	0	0	6	1	8	7	9	3	2	0	0	0	Dera Ismail Khan		
1.1	- 0.8	3.9	2.88	+ 0.95	1.44	16	5	+ 1.2	3.6	+ 1.3	1	4	3	0	0	0	3	1	19	0	4	11	3	0	4	5	0	4	Loralai		
1.5	3.9	0.51	- 0.71	0.51	15	1	- 0.5	4.7		1	0	2	0	0	2	6	6	14	1												

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. I.

STATION.	Height of bar. & tides above mean sea level in feet.	Pressure reduced to 32° F and standard gravity, millibars.		Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.		Relative humidity.			
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean	Departure from normal.	Highest.	Date.	Mean	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Sind																					
Jacobabad	183	991.9		989.1	101.4	105	18, 22, 23	84.0		81	6	85.4	100.0	82.1	88.4	35.9	40.5	86			
Sukkur	221	990.4	+ 0.3	987.4	103.7	+ 2.5	107	18	82.0	+ 1.2	79	31	83.8	102.0	77.8	82.9	29.8	+ 1.1	29.7	76	-
Pad Idan	150	992.5		989.9	103.9		113	2	80.5		77	19	82.3	103.0	77.8	82.8	30.5	28.3	81		
Umarkot	55	997.5		995.0	96.1	102	10, 15	78.6		75	31	81.3	94.3	78.6	85.3	32.3	37.4	88			
Hyderabad	96	995.9	- 0.6	994.1	97.5	+ 1.7	103	31	80.5	+ 1.3	78	31	82.4	94.9	77.5	80.4	29.9	+ 2.6	28.8	79	+
Karachi (Manora)	13	999.7	- 1.1	998.1	86.8	+ 1.0	90	9	80.3	+ 1.8	77	1, 2	81.4	85.0	77.8	79.0	31.0	+ 0.7	31.1	85	-
Badin	31	999.4	- 0.3	997.4	92.4	+ 0.2	98	11, 23	79.7	+ 0.4	78	13, 29, 31	81.1	90.9	77.9	80.9	31.3	+ 2.2	31.4	86	+
Rajputana, West																					
Sri Ganganagar	580	979.3		976.8	98.6	- 1.3	104	11, 23	79.3	- 1.1	73	9, 24	83.6	94.4	78.4	81.0	30.9	+ 3.0	29.9	79	+
Bikaner	734	974.4	- 1.0	971.7	98.0		103	11	79.7		75	24	83.1	95.4	79.5	85.2	32.8	36.8	86		
Phalodi	783	974.0		971.6	95.2		102	11	78.7		76	5 days	80.6	93.9	77.8	80.1	30.4	28.7	84		
Jodhpur	736	975.9	+ 0.8	973.2	90.7	- 1.1	97	10, 11	77.0	0	73	15	79.7	88.6	76.1	77.9	29.1	+ 1.6	27.9	84	+
Barmer	638	978.7	- 0.6	976.3	91.5	- 1.0	99	10, 11	76.7	- 0.2	72	1	79.3	90.0	75.6	78.2	28.6	+ 1.0	27.4	84	+
Rajputana, East																					
Jaipur	1,431	952.8	- 0.9	950.2	90.2	- 0.7	99	10	75.5	- 0.4	73	1, 26, 29	78.8	86.8	75.5	77.9	28.5	+ 1.1	28.7	86	+
Ajmer	1,593	947.4	- 1.0	944.8	87.6	- 0.1	93	10	76.1	+ 0.1	73	1	78.7	84.9	74.3	76.3	26.9	+ 0.5	27.1	81	+
Kotah	843	972.4	- 0.7	969.8	86.5	- 3.1	97	11	77.7	0	71	26	80.1	86.8	76.1	78.4	28.9	+ 1.2	29.3	83	+
Brijnagar	1,053	965.8	- 0.4	962.8	87.4	+ 0.3	96	10	76.1	+ 1.1	72	26	78.1	85.0	75.3	77.5	28.6	+ 0.3	28.8	87	
Rajsamand	1,850	939.3		937.2	85.1		92	9, 10	74.0		70	29	76.4	83.8	73.9	76.3	27.4		27.5	89	
Gujarat																					
Deesa (B)	466																				
Bauj	343	990.1	- 0.6	988.1	88.0	- 0.4	95	11	77.3	+ 0.9	74	31	79.2	86.6	76.1	76.8	28.8	+ 0.2	26.7	86	+
Dwarka	37	1001.2	- 1.0	999.6	85.1	+ 0.4	88	4 days	79.7	+ 1.1	77	22	80.6	83.5	77.3	78.0	30.1	+ 0.3	29.7	86	-
Jamnagar	60	1000.8	- 0.3		87.6	- 0.5	90	11, 12	77.9	+ 1.2	76	17	81.3	78.1	31.3	+ 1.9	86	+			
Rajkot	432	987.7	- 0.9	985.4	88.5	- 0.3	93	7, 9, 11	74.8	0	71	31	77.6	85.9	75.9	77.2	29.5	+ 0.5	27.4	93	+
Vora:al	26	1001.8	- 2.0	1000.6	85.5		89	10, 11	77.6		76	8 days	80.2	82.6	78.7	80.1	32.5	33.5	93	+	
Surat	39	1002.5	- 0.8	1000.4	86.8	- 0.2	90	10, 31	77.3	+ 0.3	74	18	79.2	84.0	77.8	80.2	31.5	+ 1.7	32.9	93	+
Bhavnagar	55	1001.3	- 0.9	998.7	88.8	- 2.1	92	6 days	76.7	+ 0.1	75	5 days	78.8	85.3	76.1	78.1	29.2	+ 1.1	29.2	88	+
Ahmedabad	163	997.3	- 0.6	994.3	88.8	- 1.1	95	10	77.7	+ 0.9	75	17, 18	79.2	86.8	77.2	79.3	30.7	+ 2.0	30.3	91	+
Dohad	1,093	967.4		964.9	84.1	- 1.2	89	9	73.7	- 0.6	70	17	75.9	82.3	74.7	77.1	28.5	+ 0.7	29.1	90	-
Baroda	115	999.2		996.7	89.4	- 0.2	96	10	77.1	+ 0.5	74	18	78.9	85.8	77.4	79.4	31.1	+ 1.9	30.7	94	+
Central India, West																					
Neemuch	1,626	947.4	- 0.6	945.3					73.7	+ 0.9	72	4 days	75.6	82.1	74.1	76.0	27.8	+ 1.6	27.8	92	+
Indore	1,823	941.2	- 1.1	938.8	83.3	+ 0.7	89	4 days	72.5	+ 1.1	70	18, 30	74.0	81.5	72.1	74.1	25.8	+ 0.5	25.3	91	+
Bhopal	1,643	947.1	- 0.4	943.9	84.8	+ 0.7	94	9	73.7	+ 0.5	71	18	75.4	82.4	73.3	75.8	26.9	+ 0.7	27.4	89	+
Gunia	1,571	948.5	- 0.5	946.1	85.8	+ 0.5	94	9, 10	74.4	+ 0.8	72	26	76.4	83.3	74.2	78.3	27.7	+ 0.3	30.6	90	+
Gwalior	681	976.9		974.1	90.5		101	10	78.3		74	12, 13, 27	81.5	88.0	78.4	81.6	31.8	33.9	87		
Madhosagar	757	974.5		971.8	90.3		101	10, 11	78.7		73	12, 13	81.4	87.6	77.6	79.4	30.5	30.7	84		
Central India, East																					
Nowrang	750	975.0	- 0.8	972.3	89.9	+ 1.8	101	10	77.6	+ 0.7	75	12, 18, 19	80.3	88.2	77.7	80.7	31.3	+ 1.5	32.4	89	+
Sutna	1,041	965.3	- 0.4	963.1	88.8	+ 2.8	96	10	76.9	+ 0.7	74	17, 18	80.2	86.0	77.1	78.5	30.4	+ 1.1	29.9	86	-
Umariya	1,506	950.3		947.8	86.7	+ 1.8	95	9, 10	75.1	+ 0.7	71	13	78.3	83.5	75.2	77.0	28.3	+ 0.4	28.6	87	+
Berar																					
Akola	925	971.8	- 1.0	968.2	87.7	+ 0.3	96	6	74.7	+ 1.0	72	15	76.9	81.5	74.6	79.1	28.1	+ 2.4	31.4	90	+
Amravati	1,213	962.3	- 0.5	959.0	86.6	+ 0.7	94	7	73.5	+ 0.4	71	4, 12, 18	75.3	84.0	72.7	75.5	26.3	+ 0.6	26.3	87	+
C. P., West																					
Khandwa	1,044	967.4	- 0.9	964.2	86.9	+ 1.1	95	8	74.1	+ 0.1	71	18	77.1	82.9	73.7	76.2	26.8	+ 0.7	27.9	87	+
Hoshangabad	992	968.2	- 1.4	965.2	84.9	+ 0.4	95	8	74.6	+ 0.1	71	18	76.1	83.5	74.5	77.3	28.5	+ 0.7	29.3	92	+
Saugor	1,808	940.6	0.6	937.9	84.1	+ 0.7	93	11	73.6	+ 1.0	70	2	75.7	81.4	73.4	74.8	26.7	+ 0.6	26.3	88	-
Jubbulpore	1,289	958.1	- 0.2	955.2	85.9	+ 1.4	94	8, 9	75.4	+ 1.8	73	4 days	78.0	83.9	74.9	77.0	28.2	+ 1.1	28.5	87	-
Sonni	2,027	934.1	- 0.5	931.8	85.4	+ 2.7	91	5 days	72.5	+ 1.0	70	18	75.5	79.3	73.3	74.8	26.9	+ 1.3	27.2	90	+
Nagpur	1,022	967.7	- 0.9	964.6	87.8	+ 0.5	96	7	75.6	+ 0.6	73	4 days	77.7	84.2	74.8	77.3	23.1	+ 1.9	28.8	87	+
C. P., East																					
Pendra	2,040	933.1	- 0.3	930.6	83.7	+ 1.5	89	7, 8, 9	73.1	+ 1.2	70	18	76.7	79.4	74.1	75.6	27.4	+ 1.0	28.2	89	+
Champa	878	974.5		971.7	88.4		95	5	76.9		73	18	78.8	84.6	76.6	79.0	30.4		31.3	89	
Raiapur	970	9																			

Cloud amount (tenths of sky).			Rainfall, inches.			Number of rainy days (0.10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from												STATION.							
Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Days in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.						18 hrs. I. S. T.												
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
2.3	1.0	0	0	0	0	0	0	0	9.3	-	0	1	7	20	3	0	0	0	0	1	0	1	23	6	0	0	0	0	
2.1	+0.2	0.9	0	-1.12	0	0	0	-1.0	3.9	-1.2	0	0	0	15	8	5	0	0	3	3	4	0	5	9	8	1	2	4	
2.2	1.6	0.60	0.60	0.60	0.60	22	1	10.0	-	-	0	0	1	20	9	0	1	0	0	0	0	1	14	10	1	0	0	5	
5.0	4.5	0.82	0.44	0.44	0.44	22	2	10.5	-	-	0	0	0	0	15	16	0	0	0	0	0	0	0	0	7	24	0	0	0
5.5	+1.1	2.4	0.17	-1.86	0.10	21	1	-1.2	10.3	0	0	0	0	0	10	15	5	1	0	0	0	0	1	7	17	6	0	0	
8.5	+0.6	6.6	0.09	-1.47	0.05	1	0	-1.6	11.9	0	0	0	0	0	0	13	16	1	1	0	0	0	0	2	19	10	0	0	
6.0	-0.5	4.4	0.31	-2.01	0.24	21	1	-1.3	9.3	-	0	0	0	0	6	21	4	0	0	0	0	0	0	4	21	6	0	0	
2.0	-0.1	3.1	7.68	+5.63	2.02	28	8	+4.7	4.5	-1.4	0	0	2	4	2	13	1	0	9	3	0	3	5	0	7	2	2	9	
0.9	-2.8	2.0	1.89	-1.71	1.76	17	1	-3.9	5.9	-0.4	0	0	1	1	0	22	4	2	1	0	4	0	5	0	18	0	3	1	
6.3	5.7	1.37	-1.80	0.81	-	17	2	-2.4	8.2	-	0	0	1	1	9	13	3	0	4	0	0	0	4	12	11	1	0	3	
7.1	-0.4	6.6	4.41	-0.43	1.81	16	3	-2.9	5.2	-3.9	0	0	0	0	1	11	16	2	1	0	0	0	0	3	18	6	2	2	
5.2	-1.5	6.1	2.55	-2.72	1.35	15	4	-1.8	5.4	-1.0	0	0	0	0	9	13	5	2	2	0	0	0	0	12	14	2	0	3	
6.8	0	7.6	7.71	-0.35	1.56	25	11	+0.8	4.7	+0.2	3	1	2	0	0	0	8	11	6	3	2	2	2	1	2	15	4	0	
6.6	+0.3	5.9	3.61	-3.14	0.69	25	9	+0.6	5.5	+0.4	0	1	0	0	0	9	12	1	8	0	1	1	1	0	10	11	1	6	
5.8	-0.7	7.6	10.12	+0.46	2.39	14	11	+0.6	3.7	+0.3	0	0	0	0	0	14	11	3	3	0	0	0	2	2	4	13	4	6	
6.9	-0.9	7.2	12.63	+1.12	2.55	26	11	-1.8	5.4	+1.5	0	0	0	0	0	7	23	1	0	1	1	1	0	1	3	20	4	0	
6.6	8.0	6.20	2.12	-	16	8	-	4.3	-	1	0	1	1	0	8	5	3	12	3	0	0	1	1	12	3	7	4		
7.3	-0.2	7.3	3.35	+0.42	2.29	16	4	+0.3	8.2	-2.1	0	0	0	1	4	19	4	0	3	0	0	0	0	3	14	14	0	0	
8.8	+0.3	7.8	1.99	-0.59	1.17	16	4	+0.2	12.1	-0.5	0	0	0	0	1	19	11	0	0	0	0	0	0	0	18	13	0	0	
8.0	+1.9	3.40	-0.45	1.25	-	17	6	+0.8	3.0	-10.0	0	0	0	0	0	11	12	0	8	-	-	-	-	-	-	-	-	-	
6.6	-1.5	7.6	5.95	-0.05	2.58	16	8	+1.0	10.3	+0.1	0	0	0	0	7	15	9	0	0	0	0	1	0	1	12	14	3	0	
8.0	-0.4	8.0	5.88	+2.27	0.91	15	12	+6.1	14.5	-	0	0	0	0	0	6	19	4	2	0	0	0	0	0	0	8	19	4	0
9.0	+0.4	8.9	10.60	+3.15	2.80	16	16	+3.6	7.7	+1.8	0	0	0	3	9	8	6	3	2	0	0	0	0	5	22	4	0	0	
7.8	-0.1	8.6	7.96	+2.63	2.25	16	10	+2.7	5.3	-1.0	0	0	0	2	0	12	14	1	2	0	0	0	4	6	13	8	0		
7.5	-0.3	6.3	8.33	+0.29	4.59	17	8	-3.0	3.4	-0.8	0	0	0	0	4	12	8	1	6	0	1	0	1	4	0	5	2		
8.7	-0.4	7.7	3.28	-3.69	0.94	21	10	-0.7	12.6	+2.3	0	1	0	0	0	12	18	0	0	1	1	0	0	9	11	18	0	0	
6.8	-1.4	8.2	9.97	+0.95	1.98	18	10	+0.3	3.7	-1.2	0	0	0	0	10	13	3	1	4	0	0	0	0	4	19	3	2	3	
7.8	+0.3	7.5	6.98	-2.17	1.93	18	11	+1.0	7.8	-0.1	0	2	0	0	0	12	17	0	0	0	0	0	0	0	19	9	2	1	
9.3	+0.3	8.5	6.91	-1.24	1.53	20	11	-0.3	5.1	0	0	0	0	1	0	12	15	1	2	0	0	0	1	0	12	12	3	3	
8.7	+0.5	8.7	4.97	-5.97	1.18	12	13	-1.8	6.5	+1.4	0	0	0	0	0	8	17	4	2	1	1	1	0	1	6	3	5	3	
7.2	-0.3	7.1	16.36	+0.91	6.23	18	12	-1.6	6.8	+0.9	0	0	0	0	0	11	15	5	0	1	1	2	0	1	7	13	6	0	
6.8	6.6	12.81	2.65	-	18	13	-	3.6	-	0	0	3	1	0	3	17	3	4	1	0	5	1	1	3	13	3	4		
7.4	8.0	10.51	1.69	-	12	15	-	7.9	-	3	2	1	0	0	6	15	3	1	2	3	1	1	1	8	11	4	0		
6.8	-1.1	6.5	12.44	-0.65	5.29	17	15	+1.1	4.1	+1.6	0	1	0	1	5	19	2	3	0	2	1	0	1	4	11	4	7	1	
7.9	-0.1	8.4	4.06	-9.14	1.51	13	6	-9.1	3.4	-0.9	0	1	0	1	0	19	3	0	7	2	1	0	0	3	12	7	3	3	
8.4	-0.4	8.7	15.17	+2.05	3.10	13	18	+2.0	3.7	-0.2	1	2	0	0	2	9	9	2	6	1	2	1	1	2	6	14	4	0	
6.4	0	6.1	4.59	-1.73	0.91	15	13	+3.9	7.1	-0.6	2	0	0	0	3	4	3	14	0	1	0	0	0	2	1	11	16	0	
8.1	+0.3	8.4	6.01	-0.48	1.03	16	12	+2.2	8.4	+1.8	0	0	0	3	0	15	12	1	0	0	2	0	1	1	13	2	12	0	
8.5	+1.2	8.9	5.91	-0.34	0.92	8	13	+3.1	5.9	-0.9	1	0	0	0	2	4	19	1	4	0	0	1	0	2	6	13	9	0	
8.2	-0.5	7.4	10.30	-4.76	1.93	12	15	-0.7	3.9	+0.9	1	0	0	0	2	5	17	2	4	1	0	0	0	3	0	23	2	2	
8.7	+0.5	8.6	10.08	-3.99	3.03	13	18	+2.4	11.4	-6.4	0	0	0	0	0	17	14	0	0	1	1	0	1	6	12	15	1	0	
8.7	+0.2	9.1	9.56	-7.41	1.70	17	16	-1.4	5.6	+2.5	0	0	0	1	0	13	12	1	4	1	2	0	1	0	8	11	4	4	
9.1	+1.4	9.5	13.64	+0.33	2.06	12	17	+0.5	4.1	+0.3	1	0	0	1	2	9	12	3	3	4	3	0	2	5	3	10	2	2	
8.6	+0.7	9.3	10.40	-1.02	1.47	31	15	+1.7	4.1	-1.6	2	0	0	0	1	7	13	2	6	0	0	0	2	2	6	13	8	0	
8.0	+1.0	9.0	10.50	-3.82	1.50	17	21	+2.6	4.0	+0.2	2	0	0	3	6	4	2	4	10	1	1	0	6	9	4	2	4	4	
9.5	9.5	15.21	2.74	-	11	20	-	5.9	-																				

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity millibars.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.		Relative humidity %				
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Departure from normal.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
Konkan																							
Dahanu	15	1003.4		1002.1	85.7		89	1,3	77.4		75	5 days	79.0	82.9	73.9	78.4	31.3		30.8	90			
Bombay	37	1003.9	- 1.1	1002.1	85.8	+ 0.8	89	5	76.6	+ 0.5	73	13	79.3	81.8	77.3	78.3	30.8	+ 1.5	31.1	91	+ 5		
Alibag	23	1005.5	- 0.2		84.5	+ 0.6	87	4 days	77.2	+ 0.2	75	4 days	79.6		76.8		29.9	- 0.2	88	+ 1			
Harnai	66	1003.6		1001.7	84.3		88	7	76.7		74	30	79.7	81.5	77.2	78.0	30.4		30.8	89			
R. Unagiri	211	929.6	- 0.7	997.9	83.6	+ 0.2	86	4	76.1	+ 0.6	73	30, 31	78.7	80.4	76.3	77.0	29.5	+ 0.5	29.7	90	+ 3		
Devgad		1002.8		1000.9	82.9		86	1, 27, 29	74.5		67	13, 14	78.6	80.5	76.6	77.7	30.0		30.8	93			
Marmagao	202	1000.7	- 2.6	998.7	81.7	- 0.5	85		74.9	- 0.1	73	10 days	78.9	80.3	76.2	76.7	29.3	0	29.5	88	- 2		
Honavar	85	1005.7		1003.5	83.1		86	2, 3, 26	74.1		72	5 days	77.0	79.8	76.0	77.2	29.9		30.4	95			
Bombay Deccan																							
Jalgao	660	980.8		978.3	87.6		96	8	74.6		72	18	76.6	85.0	74.5	77.7	27.9		28.7	91			
Malegaon	1,432	955.2	- 1.1	952.7	87.0	- 0.3	96	6	72.6	+ 0.7	69	29	76.0	82.3	72.8	73.8	25.5	+ 1.2	24.3	88	+ 4		
Ahmednagar	2,154	933.2	- 0.2	930.7	86.2	+ 0.9	93	6	70.5	+ 1.5	67	3	73.4	82.6	70.4	73.0	23.9	+ 1.2	23.4	84	+ 3		
Poona	1,834	943.3	- 0.9	941.3	82.3	+ 0.6	89	8, 11	71.3	+ 0.8	68	19	73.6	78.5	70.6	72.2	24.0	+ 0.8	24.0	86	+ 2		
Sholapur	1,570	952.5	- 0.6	949.4	86.7	- 2.1	93	4	71.7	+ 0.6	69	23	74.2	84.1	71.2	73.8	24.4	+ 1.3	23.7	87	+ 9		
Miraj	1,817	944.6	- 1.2	942.3	82.5	+ 0.4	89	10	70.6	+ 0.6	69	29, 30	72.5	79.1	70.5	72.2	24.4	+ 0.4	23.7	91	+ 3		
Bi apur	1,950	940.1	- 0.9	937.1	85.5	- 1.3	89	5 days	70.3	+ 0.8	67	7 days	73.0	82.9	69.8	72.6	23.3	+ 0.5	22.7	85	+ 5		
Belgaum	2,502	921.2	- 0.7	919.4	76.6	+ 0.1	79	5 days	67.7	+ 1.0	66	14, 30	69.1	72.8	68.5	69.9	23.3	+ 0.5	23.4	95	0		
Gadag	2,191	935.3	- 0.4	933.4	82.8	- 0.9	89	28	70.0	+ 0.5	69	9 days	72.1	78.8	69.4	71.2	23.1	- 0.1	22.7	87	0		
Hyderabad, North																							
Aurangabad	1,905	940.6	- 1.0	937.5	85.6	+ 0.8	93	8	70.8	+ 1.2	69	7 days	73.1	82.3	71.6	75.6	25.5	+ 2.0	27.1	93	+ 7		
Parbhani	1,350	957.4		953.9	87.5		93	8	72.3		70	1, 23	75.4	82.9	72.3	74.7	25.4		25.3	85			
Bidar	2,178	931.2		928.6	82.4	- 1.6	86	5, 7, 28	70.0	+ 1.3	67	19	71.9	79.6	70.2	73.2	24.2	+ 0.5	24.8	91	+ 4		
Nizamabad	1,250	961.6	- 1.0	958.3	84.3	- 2.5	91	4, 6	74.1	+ 1.1	70	1	75.9	83.3	72.8	76.2	25.1	+ 0.2	27.1	85	+ 3		
Peddapalli	755	978.1			88.5		99	19	75.3		70	1	81.6		77.1		29.4		78				
Hyderabad, South																							
Gulbarga	1,503	954.6	- 0.7	951.0	87.7	- 1.1	97	27	74.3	+ 2.8	70	2	74.3	85.1	71.7	75.0	25.1	+ 1.5	25.1	88	+ 7		
Raichur	1,311	961.6	- 0.7	957.6	88.3	- 1.6	94	28	73.2	+ 0.6	71	31	75.5	85.9	71.7	74.2	24.5	+ 0.4	23.7	82	+ 3		
Hyderabad(Begumpet)	1,718	945.0	- 0.4	941.9	83.5	- 2.4	90	11	72.8	+ 0.8	70	1, 9, 19	74.5	81.9	71.7	74.4	25.1	+ 0.4	25.6	87	+ 4		
Hannamkonda	881	974.3	- 0.7	971.0	86.4	- 0.3	91	7, 8	75.5	+ 0.4	72	13	78.1	84.9	74.5	76.9	27.1	+ 1.4	27.6	84	+ 6		
Khammameth	367	992.0		986.6	89.9		96	6	77.2		72	13	80.5	85.5	76.3	77.9	28.7		27.8	82			
Mysore																							
Chitradurg	2,405	926.7	- 0.5	923.9	83.0	+ 0.4	88	27	69.2	+ 0.7	68	5, 6, 15	71.2	78.9	68.4	70.5	22.2	+ 0.1	21.6	86	+ 2		
Hassan	3,149	903.6		901.4	77.4	- 1.3	83	1	65.9	+ 0.6	64	6	68.8	72.6	66.5	66.2	20.9	- 0.3	18.9	88	+ 1		
Bangalore	3,021	907.5	- 0.4	904.5	80.6	- 0.8	85	27	66.5	+ 0.9	65	6 days	68.7	78.9	66.6	69.1	21.2	+ 0.1	19.8	90	+ 2		
Mysore	2,518	924.1	- 0.7	921.6	81.5	- 1.5	87	1	67.1	+ 0.3	65	13	69.2	77.9	67.5	70.2	22.1	+ 0.5	21.8	91	+ 8		
Malabar																							
Ma ga ore	72	1006.6	- 0.6	1004.4	82.0	- 0.9	86	7 days	74.9	+ 0.7	72	5, 6, 10	77.1	80.0	75.7	76.9	29.4	+ 0.2	29.9	91	+ 1		
Calicut	27	1008.5	- 0.6	1006.2	84.6	+ 1.7	89	4	74.5	+ 0.2	71	4, 10	76.8	81.9	75.5	78.3	29.1	+ 0.5	31.1	94	0		
Padghat	319	994.2		991.6	84.0		87	1, 27, 29	73.5		71	4 days	75.4	80.0	73.8	75.3	27.5		27.6	93			
Cochin	10	1009.1	- 0.8	1007.2	82.9	+ 0.5	86	15, 16, 17	74.9	- 0.1	71	5	77.9	80.2	75.7	76.8	29.1	+ 0.7	29.5	91	+ 2		
Alleppey	12	1009.4		1007.3	84.2		87	16, 18	74.3		72	1, 20	77.2	81.0	76.1	77.4	30.0		30.2	95			
Trivandrum	200	1002.3	- 1.5	999.9	85.1		88	27	74.0		71	6	76.4	81.1	74.7	75.9	28.4	+ 0.7	27.9	92	+ 3		
Madras, Southeast																							
Pamban	37	1006.6	- 0.4	1003.7	90.3	+ 1.2	94	2	78.8	0	77, 23, 24, 25	83.4	84.2	77.9	79.6	29.8	+ 0.1	32.1	77	- 2			
Madura	437	992.3	- 0.9	989.6	96.2	+ 1.0	100	18	77.5	+ 1.0	73	27	82.6	90.2	73.2	74.7	23.3	- 0.6	22.0	62	- 3		
Negapatam	3	1006.0	- 1.0	1002.8	93.1	- 1.0	98	24	74.1	+ 0.4	73	13	81.3	88.1	75.4	78.3	27.0	- 0.2	28.1	74	+ 1		
Trichinopoly*	295	997.3	- 0.8	993.7	95.2	- 1.2	100	24	77.3	+ 0.1	71	26	80.6	92.3	73.6	76.0	24.8	+ 0.3	22.8	71	+ 4		
Coimbatore	1,341	962.3	- 0.8	959.5	86.8	- 0.6	89	5 days	71.6	+ 0.6	69	6, 10	74.8	82.0	71.1	72.2	24.2	- 0.7	22.4	83	- 1		
Salem	913	976.4	- 0.8	972.6	92.5	+ 0.2	98	2, 27	74.3	+ 1.1	70	4	76.4	89.5	72.5	74.6	25.2	- 0.7	22.1	82	+ 1		
Cuddalore	339	1005.5	- 0.7	1001.9	94.1	+ 0.2	99	16, 20, 23	77.7	+ 0.7	74	2, 4	80.7	89.9	76.6	80.7	29.1	+ 0.7	31.3	82	+ 6		
Vellore	703	982.4	- 0.5	978.7	91.9	- 1.3	97	1, 25	76.3	+ 0.1	70	21	79	88.5	73.7	76.4	25.6	+ 0.2	25.2	75	+ 2		
Madras	51	1004.3	- 0.8	1000.8	94.0	- 0.8	98	24	78.5	+ 0.5	71	26	81.9	89.7	75.2	77.							

Cloud amount (tenths of sky).			Rainfall, inches.					Number of rainy days (0'10' or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from												STATION.								
Mean 9 hrs. I. S. T.	Departure from normal	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm				
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52				
9.0		8.6	32.91		13.91	14	20		14.0		2	0	1	4	3	11	10	0	0	0	0	0	0	0	9	21	0	0	Konkan			
9.4	+ 0.7	8.9	26.10	+ 12.71	9.70	14	19	0.0	6.5	- 3.4	0	0	1	1	3	7	14	5	0	1	0	0	0	0	1	15	14	0	Bahanu			
8.7	- 0.4		21.88	+ 5.42	6.70	14	21	- 0.1	14.2	- 0.5	0	0	0	15	1	9	1	1	4										Bombay			
9.3		9.3	16.85		1.87	15	26		10.7		0	0	1	6	4	10	7	3	0	1	0	0	0	2	13	12	3	0	Alibag			
9.3	+ 1.5	9.6	17.49	- 1.64	1.75	7	28	+ 4.7	9.0	+ 1.5	2	0	1	3	0	20	1	3	1	0	0	0	0	2	18	6	4	1	Harnai			
7.5		9.4	16.40		3.86	5	24				0	2	3	2	2	12	6	5	0	1	0	0	0	0	2	15	10	3	0	Ratnagiri		
7.2	- 0.9	7.9	14.29	- 2.82	2.05	6	23	+ 1.8	1.2	+ 3.8	1	2	1	2	2	7	15	1	0	0	0	0	0	0	1	8	18	4	0	Devagad		
8.8		8.5	26.63	+ 0.99	3.65	4	30	+ 4.7	3.1		1	0	3	6	4	2	9	1	5	0	0	0	0	0	3	7	12	6	2	Marmagao		
7.8		7.3	12.99	+ 6.63	2.09	12	19	+ 7.7			0	0	0	0	0	0	29	0	2	0	0	0	0	0	0	31	0	0	0	Honavar		
9.0	+ 1.7	9.1	8.17	+ 5.13	4.17	8	8	+ 2.7	7.0	- 1.6	0	0	0	0	0	14	14	1	2	1	1	0	1	0	11	18	4	0	Bombay Deccan			
6.7	- 0.1	7.1	7.44	+ 4.72	2.28	10	8	+ 3.4	6.7	+ 2.1	0	0	0	0	3	9	1	4	14	0	1	1	0	2	20	2	4	1	Jalgaon			
7.6	- 0.4	8.0	8.26	+ 4.71	2.80	14	9	+ 0.7	4.3	- 4.6	0	0	0	0	0	2	24	0	5	0	0	0	0	0	3	28	0	0	Poona			
9.3	+ 1.5	9.3	4.12	- 0.16	1.42	5	9	+ 2.0	7.4	- 1.3	2	0	0	0	0	22	2	1	4	1	1	0	0	2	19	4	3	1	Sholapur			
8.7	- 0.2	8.5	4.07	- 0.64	1.95	5	6	- 3.2	10.4	+ 1.2	0	0	0	1	0	10	18	2	0	0	0	0	0	0	2	24	5	0	Miraj			
7.0	0.6	7.7	2.83	- 0.07	0.76	11	5	+ 1.3	5.1	- 3.7	0	0	0	0	0	3	28	0	0	0	0	0	0	0	21	2	5	3	Bijapur			
8.7	- 0.2	8.3	10.27	+ 0.63	3.55	14	16	- 1.6	6.3	+ 1.0	0	0	0	0	7	22	3	0	0	0	0	0	0	5	24	2	0	Belgaum				
9.2	+ 1.8	9.0	3.20	- 0.88	1.03	5	7	- 1.3	12.0	+ 1.7	0	0	0	0	0	14	17	2	0	0	0	0	0	1	0	13	16	1	0	Gadag		
8.1	- 0.6	8.8	3.02	- 1.77	1.22	8	7	- 1.9	10.3	+ 0.2	0	0	0	0	1	5	19	4	2	2	0	0	0	0	3	19	7	0	Hyderabad, North			
8.6		9.0	2.88	- 2.93	0.44	11	8	- 1.0			0	0	0	0	1	14	11	4	1	3	1	0	2	0	7	12	5	1	Aurangabad			
9.0	+ 2.3	8.6	9.09	+ 2.91	2.83	29	16	+ 5.6	11.5	+ 0.5	0	0	1	0	0	12	15	3	0	2	0	2	0	1	8	12	6	0	Parbhani			
7.8	+ 1.4	7.7	11.12	+ 1.36	2.02	20	13	- 0.8	4.9	+ 0.1	0	0	1	1	1	20	4	1	3	1	1	0	1	2	12	8	0	Bidar				
8.3			8.79		0.75	20	12				6	3	0	0	1	6	5	10	0	0	0	0	0	0	0	0	0	Nizamabad				
8.0	+ 1.1	8.8	3.67	- 1.40	0.80	13	8	+ 0.3	10.6	+ 1.5	0	0	0	0	2	18	8	3	0	1	1	0	0	3	6	18	7	0	Peddapalli			
8.4	+ 3.0	8.6	2.85	- 1.54	0.74	31	8	+ 0.2	12.6	+ 3.0	0	0	0	0	0	22	7	2	0	1	0	0	0	0	11	13	5	1	Gulbarga			
8.7	+ 1.1	8.4	5.52	+ 0.23	1.42	29	13	+ 3.1	10.7	+ 2.1	1	0	0	0	1	1	25	3	0	1	0	0	0	0	3	18	9	0	Raichur			
8.5	+ 1.2	8.2	7.24	+ 0.26	1.52	30	12	+ 1.3	6.3	+ 0.3	1	0	1	1	1	3	13	10	1	3	1	0	3	2	3	10	9	0	Hyderabad(Begumpet)			
7.9		8.7	13.41		3.48	13	16		4.9		3	0	0	2	1	5	17	1	2	6	0	2	2	0	3	16	1	1	Hanamkonda			
9.3	+ 0.7	8.8	1.60	- 1.78	0.81	5	4	- 3.4	8.7	+ 1.3	0	0	0	0	0	12	18	1	0	0	0	0	0	0	12	18	1	0	Khammameth			
8.6	+ 0.4	9.1	2.99	- 0.91	0.94	2	12	+ 2.8	9.2	+ 3.0	0	0	0	0	0	17	12	2	0	0	0	0	0	0	17	14	0	0	Mysore			
9.8	+ 0.8	8.9	5.91	+ 0.93	1.68	9	9	- 0.3	10.4	+ 3.1	0	0	0	0	0	3	26	2	0	1	0	0	0	0	6	14	10	0	Chitaldrug			
8.5	+ 0.6	8.8	4.26	+ 0.97	1.45	2	9	+ 2.0	8.3	+ 0.6	0	0	0	0	2	13	16	0	0	0	0	1	0	0	5	24	1	0	Hassan			
8.5	+ 1.1	9.5	20.74	- 2.78	2.80	8	22	- 3.1	4.5	+ 1.2	2	3	5	3	4	7	1	1	5	3	0	0	0	5	8	3	11	1	Malabar			
8.5	+ 0.3	8.7	10.55	- 0.31	2.10	4	23	+ 3.7	5.6	+ 1.1	9	8	4	1	2	0	6	1	0	1	0	0	0	0	4	12	14	0	Mangalore			
9.5		9.2	9.03		1.30	20	15		6.8		0	0	0	0	0	12	17	2	0	0	0	0	0	0	8	21	2	0	Calicut			
8.4	+ 0.9	9.3	17.76	+ 3.87	2.39	17	21	+ 2.3	6.2	+ 1.2	2	6	5	4	1	2	2	5	4	1	0	0	0	0	0	3	14	12	1	Palghat		
8.9		9.1	16.27		2.95	10	22		5.5		4	10	5	1	0	0	2	2	7	3	1	0	0	0	0	2	7	18	0	Cochin		
7.5	- 0.4	8.3	4.98	+ 0.25	0.98	22	14	+ 4.2	6.4	- 0.2	13	3	0	0	0	0	0	12	3	3	0	0	0	0	0	7	21	0	0	Alleppey		
7.8	+ 1.2	5.3	0	- 0.59	0	0	- 1.0	8.5	+ 0.5	1	0	1	2	11	11	4	1	0	0	0	0	12	16	3	0	0	0	0	0	0	0	Trivandrum
6.3	- 0.2	3.3	4.79	+ 0.71	1.43	27	6	0	4.3	+ 0.5	2	0	0	0	0	2	10	9	8	2	1	1	0	2	8	7	5	5	Madras, Southeast			
6.8	+ 1.1	7.5	4.82	+ 1.77	2.82	27	6	+ 1.1	5.8	+ 0.6	0	0	0	0	0	13	15	2	1	0	0	2	7	7	5	1	Pamban					
7.5	+ 1.7	8.4	3.65	- 0.18	1.22	3	5	+ 0.3	6.6	+ 0.4	0	0	0	0	0	5	19	7	0	1	1	0	1	2	1	15	10	0	Madura			
7.5	+ 2.1	8.0	0.49	- 0.74	0.19	29	2	- 1.1	5.7	+ 0.3	0	0	0	0	10	12	2	0	7	0	0	0	0	9	16	6	0	Negapatam				
7.8	+ 0.8	7.8	6.93	+ 0.36	2.79	27	9	- 1.9	5.4	+ 1.7	0	0	0	0	2	19	9	1	0	1	1	0	0	2	10	13	1	3	Coimbatore			
7.5	+ 1.5	7.6	1.89	-																												

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %			
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean	Departure from normal. Highest.	Date.	Mean	Departure from normal. Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Madras Coast.																						
North Nellore	66	1003.1	-0.8	999.3	97.4	+ 1.4	102	16	80.5	+ 1.1	76	5	84.2	93.3	76.5	78.8	27.8	+ 1.4	26.6	69	+ 1	
Ongole (R)	10	1004.3	-0.6	1000.9	90.4	- 0.9	96	3, 4	79.5	+ 1.6	74	14	81.8	88.0	78.6	80.4	31.7	+ 1.9	31.6	86	+ 4	
Masulipatam	26	1003.2	-0.3	1000.1	88.3	- 1.4	96	3	77.7	- 0.6	73	13, 14	81.6	86.6	78.5	80.0	31.5	+ 1.4	31.6	87	+ 4	
Cocanada	126	998.9	-0.2	996.0	89.3	+ 0.2	95	1	79.6	+ 1.0	74	3	83.2	85.5	77.7	79.0	29.6	+ 0.1	30.5	77	- 4	
Vizagapatam	19	1002.1	-0.1	999.4	90.4	+ 0.4	94	4 days	79.5	+ 0.9	77	4 days	82.4	85.8	78.5	80.4	31.1	- 0.3	32.5	83	- 1	
Hill Stations, ex- cluding Kashmir and Baluchistan																						
Shillong	4,921	845.5	-0.2	842.9	74.9	- 0.2	80	29	64.2	+ 0.2	62	5	69.4	70.7	66.7	67.1	21.4	+ 0.9	21.8	87	+ 8	
Cherrapunji	4,309	864.5	+0.1	862.4	70.5	- 2.0	75	30	65.0	- 0.2	62	6	66.7	68.0	66.6	67.3	22.3	+ 0.5	22.7	100	+ 8	
Ajia	3,599	886.4		884.4	77.0		82	30	67.0		65	6, 9	68.8	71.9	68.1	70.5	23.3		24.9	97		
Darjiling	7,432	774.4	+0.8	772.0	66.9	+ 1.3	70	21, 22	57.7	0	55	16	61.6	62.7	61.2	62.5	18.3	+ 0.6	19.1	98	+ 1	
Kalimpong	3,965				75.9	+ 0.4	78	8 days	66.0	- 1.2	64	6 days	70.0	72.2	68.6	70.6	23.2	- 0.5	25.0	95	+ 1	
Katmandu	4,398	862.7		860.5	83.3	- 0.1	88	22, 25, 27	68.1	- 0.2	66	30	71.2	78.9	63.8	74.5	21.7	+ 0.6	27.4	91	+ 1	
Muktasar	7,592	767.9	-1.2	766.4	68.6	+ 0.6	78	11	58.3	+ 0.9	56	8	60.1	64.5	59.3	62.4	16.7	- 0.1	18.4	96	+ 1	
Mussooree	6,940	792.8		791.3	68.2	0	71	2, 7, 20	59.2	- 0.7	55	6 days	63.2	64.8	62.4	64.2	18.7	0	20.1	95	- 1	
Simla	7,224	777.7	-0.5	776.6	67.8	- 0.6	73	1	60.0	+ 0.8	55	8	62.2	65.0	60.3	62.9	17.0	0	18.7	89	1	
Murree	7,113	780.7	-0.7	779.8	71.2	- 2.0	74	4 days	58.5	+ 1.1	55	7	62.2	68.7	60.1	65.3	16.9	- 0.8	19.8	89	+ 1	
Wana	4,456	853.2		851.6	89.5	- 1.9	94	12, 31	70.5	+ 0.4	63	30	72.7	85.4	67.4	69.4	20.5	+ 0.9	18.0	75	+ 1	
Cherat	4,272	863.5	+0.1	861.6	83.2	- 2.2	94	12	69.2	- 0.7	62	28	71.9	82.5	67.9	72.3	21.5	0	22.8	77	- 1	
Parashinbar	5,673	820.9	-0.8	819.7	83.7	- 1.0	89	12	64.8	0	58	1	70.0	79.8	64.1	68.8	18.1	+ 0.4	19.8	74	+ 1	
Drosh	4,723	848.1	-3.2	844.3	92.9	- 2.1	98	12	69.0	- 3.6	66	27	74.8	92.0	64.5	67.3	16.3	- 1.8	12.9	58	- 1	
Abu	3,945	873.4	-0.5	872.1	72.9	+ 0.9	80	10, 11, 15	65.5	+ 1.1	63	12	67.0	71.1	66.5	69.2	21.8	+ 1.1	23.3	97	+ 1	
Pachmarhi	3,528	897.1	-0.3	885.8	75.1	+ 0.3	84	9	67.9	+ 1.0	65	18	69.5	74.2	68.4	71.3	23.1	+ 0.9	24.7	95	+ 1	
Mahabaleshwar	4,534	858.3	-1.0	857.3	66.6	+ 0.9	71	9, 10	61.5	0	59	28	63.3	64.2	63.2	64.1	19.3	- 0.2	20.0	100		
Mercara	3,781	883.8	-0.3	882.1	69.6	+ 0.4	76	1	62.9	+ 0.9	61	5, 6, 15	64.6	66.5	64.3	65.6	20.1	+ 0.6	20.9	98		
Ootacamund	7,364	778.3	-0.1	776.8	63.4	+ 0.6	69	16	52.3	+ 0.6	48	16	54.8	58.7	53.3	56.2	13.2	+ 0.1	14.4	92	+ 1	
Coonoor	5,730	824.8			71.5	+ 0.6	75	23	59.1	+ 1.3	52	15	64.2	59.1	15.1	+ 0.4	74	+ 1				
Kodaikanal	7,688	769.5	0	768.3	64.4	+ 1.7	67	16, 21, 25	53.0	+ 1.1	51	3, 14, 29	56.2	58.3	52.5	56.1	12.1	- 0.4	14.5	79	- 1	
Ceylon																						
Colombo	24	1008.9	-0.8	1006.8	85.4	- 0.2	87	4 days	77.6	+ 0.6	73	15	80.0	82.5	75.7	76.5	28.0	- 1.0	28.1	81	- 1	
Trincomalee	24	1006.9	-0.1	1004.2	93.4	+ 0.8	98	23	79.6	+ 2.6	72	4	80.4	86.1	74.4	76.9	26.0	- 1.1	27.0	74	- 1	
Hambantota	61	1006.0	-1.4	1003.4	85.9	- 0.9	96	23	76.4	+ 0.3	75	5 days	78.2	83.3	75.3	76.6	28.3	+ 0.1	28.0	87	- 1	
Nuwara Eliya	6,170	813.2	-1.1	811.8	65.1	- 1.2	72	24	55.2	+ 1.2	50	25	58.5	60.4	55.9	57.3	14.2	- 0.6	16.7	84	- 1	
Afghanistan																						
Jalalabad	1,950	938.2		930.7	99.5		107	6	78.1		69	28, 29, 30	83.4	93.9								
Kabul	5,955	815.4		812.4	92.0	+ 1.0	97	12, 18	58.4	+ 0.1	52	29	67.8	89.2	53.8	62.8	9.0	- 1.5	9.9	40	- 1	
Kandahar	3,462	888.0		885.0	100.6		107	22	59.9		54	31	68.1	99.3	57.2	70.8	11.6		14.2	50		

(R)—Register not received.

n—Mean of 8 days.

Cloud amount (tenths of sky).		Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from												STATION								
Mean 9 hrs. I.S.T.	Departure from normal.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.						18 hrs. I. S. T.														
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	
8.5	+1.0	9.1	2.25	- 0.77	1.76	5	2	- 3.5	5.7	+ 0.2	2	0	0	0	1	4	9	8	7	1	0	2	3	2	4	10	8	1	Madras Coast, North	
6.9	-0.3	8.3	2.99	- 3.27	0.99	18	7	- 3.2	6.4	+ 0.4	2	2	0	1	0	13	9	4	0	1	0	0	2	3	5	8	12	0	Ongole (R)	
7.7	+0.3	8.6	7.76	+ 2.20	1.27	14	13	+ 3.4	6.5	+ 1.1	0	1	0	0	0	22	3	1	4	0	1	0	3	0	20	6	1	0	Masulipatam	
7.4	-0.7	8.0	2.65	- 2.51	2.00	3	3	- 5.2	5.1	+ 0.5	1	0	0	0	0	7	9	0	14	0	1	1	4	10	7	6	1	1	Cocanada	
7.5	+1.0	8.0	5.03	- 1.77	2.10	30	6	- 3.5	9.2	+ 3.6	0	0	1	0	0	11	14	5	0	0	0	1	5	10	11	3	1	0	Vizagapatam	
																													Calingapatam	
9.7	+1.5	9.9	20.17	+ 7.68	2.13	21	24	+ 5.5	2.0	+ 0.3	0	0	0	0	3	7	0	0	21	1	0	0	1	3	7	1	0	18	Hill Stations, ex- cluding Kashmir and Baluchistan	
10.0	+1.1	8.7	102.42*			22	24				1	4	5	6	3	5	0	2	1	0	4	2	2	11	5	0	4	Shillong		
9.0		9.5	14.14		1.92	24	24				0	0	6	5	10	6	0	2	1	0	0	0	1	3	17	5	8	2	Cherrapunji	
9.8	+1.0	9.7	29.63	+ 3.07	3.00	7	28	+ 4.3	5.6	+ 2.2	0	1	17	2	3	2	0	0	6	0	0	10	0	7	3	1	0	10	Aijal	
7.9	0	7.5	29.87	+ 9.99	3.90	14	27	+ 5.5	5.1	- 0.2	0	0	0	4	0	0	0	22	5	0	0	0	30	0	0	0	0	1	Darjiling	
8.4	0	7.1	19.11	+ 5.43	4.00	2	22	+ 1.2	0.9	0	0	0	1	0	0	0	0	30	4	0	1	1	2	0	1	3	19	Kalimpang		
8.2	-0.1	8.0	7.71	- 4.55	1.26	17	16	- 1.9	8.5	+ 3.4	0	9	8	1	0	0	7	5	1	0	2	6	4	1	8	9	1	0	Muktesar	
8.7	0	9.4	38.87	+ 11.03	5.10	14	20	- 3.8	3.2	- 0.4	2	1	0	2	3	3	4	3	13	1	0	0	0	6	10	0	2	12	Mussooree	
8.7	+0.5	9.3	16.45	- 0.40	3.88	16	20	+ 0.3	1.6	- 0.6	3	5	1	2	5	3	0	1	11	3	2	0	3	7	5	0	1	10	Simla	
6.6	+1.0	8.1	11.27	- 2.54	2.25	18	17	+ 2.7	4.8	+ 1.1	1	0	5	6	0	1	4	10	4	0	1	2	6	1	2	10	4	3	Murree	
2.2	+0.1	5.5	0.48	- 0.46	0.14	4, 18	2	- 1.2	4.3		1	2	1	2	4	4	1	3	13	1	3	16	8	1	0	0	2	0	Wana	
6.4	+2.1	5.19	5.49	+ 1.45	1.93	22	7	+ 0.6	7.5	+ 2.3	1	0	0	8	4	0	0	0	18	0	0	0	13	11	2	0	0	5	Cherat	
3.4	+0.3	5.9	4.75	+ 1.05	1.38	13	10	+ 2.4	4.9	+ 1.9	18	0	6	1	0	0	2	0	9	1	2	12	14	1	0	0	0	1	Parachinar	
2.6	+0.6	3.7	0.97	+ 0.32	0.40	4	4	+ 2.1	6.5	+ 1.7	0	1	2	3	0	5	1	2	17	0	1	0	0	2	15	11	2	0	Drosh	
10.0	+0.9	9.5	18.37	- 4.38	5.66	18	19	+ 1.6	7.3	- 0.5	2	1	0	0	6	15	6	1	0	1	0	0	0	9	11	7	1	2	Abu	
9.3	+0.7	9.1	24.78	+ 0.96	3.96	12	21	- 0.9	4.0	- 2.4	1	0	1	0	0	2	17	8	2	1	2	0	0	0	3	15	10	0	Pachmarhi	
			73.36	+ 0.25	9.91	14	31	+ 1.2	9.4	+ 1.4	0	0	0	0	0	26	2	2	1	0	0	0	0	0	28	0	3	0	Mahabaleshwar	
8.5	-0.8	8.2	15.45	- 11.35	1.77	18	29	+ 2.5	9.2	+ 2.8	0	0	0	0	0	0	15	16	0	0	0	0	0	0	0	0	15	16	0	Mercara
8.0	-0.3	8.0	3.21	- 2.48	0.53	1	10	- 2.3	4.3	- 1.0	0	0	0	0	3	11	5	12	0	0	0	0	0	0	6	12	5	8	Ootacamund	
9.1	+2.2		3.86	- 1.13	0.97	26	8	- 1.1	5.3	+ 1.3	1	0	1	7	0	2	1	8	11										Coonoor	
6.9	+0.5	9.5	3.51	- 3.49	0.90	10	7	- 5.1	7.9	- 0.7	0	0	0	0	1	0	16	6	8	1	1	0	0	0	0	0	15	6	8	Kodaikanal
7.3	-0.1	7.3	1.25	- 2.45	0.48	11	5	- 1.9			0	0	1	2	1	13	12	1	1	0	0	0	0	0	14	17	0	0	Ceylon	
6.1	+1.1	8.0	4.28	+ 0.43	1.38	27	6	+ 1.2			0	0	0	0	0	27	3	0	0	4	3	2	0	0	0	16	5	1	0	Trincomalee
7.0	+2.3	6.3	0.29	- 1.34	0.12	26	1	- 2.9			0	0	0	0	0	0	31	0	0	0	0	0	0	0	0	2	29	0	0	Hambantota
8.3	+0.2	9.0	4.97	- 2.03	1.17	4	14	+ 0.7																					Nuwara Eliya	
2.5		1.6	0.04		0.04	1	0		5.2																				Afghanistan	
0.2	-0.7	1.1	0	- 0.69	0	0	- 0.4	3.1	+ 1.3	1	1	1	1	1	1	6	6	6	13	11	12	3	3	0	0	1	1	0	Jalalabad	
0.1	0.2	-0.0	0	- 0.69	-00-	0	0	1.6			9	1								21									Kandahar	

* totals for 29 days.

(B)—Register not received.

e—Mean of 30 days.

d—Mean of 29 days.

TABLE III—ABSTRACT OF OBSERVATIONS RECORDED

STATION.	Height of barometer above mean sea level in feet.	Pressure reduced to 32° F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.			Wet bulb temperature °F.			Vapour pressure, millibars.			Relative humidity %							
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Departure from normal.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Departure from normal.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22									
Iran																														
Charbar	25	998.8		996.4					78.0	- 1.0	77	21	81.7	86.2	78.9	81.8	32.4	+ 2.6	85.1	88	+ 1.0									
Jask	13	998.9		996.5	94.6	+ 0.1	103	21	85.6	+ 1.8	82	27, 28	88.3	93.4	83.4	84.8	36.8	+ 2.7	87.0	80	+ 1.2									
Bandar Abbas	29	997.7		995.0	100.0			2, 21	86.4		81	27	92.5	97.9	86.2	88.2	39.7		41.1	77										
Bushire	14			95.9	- 0.5	100		1	81.4	- 2.8	77	17	88.7	94.9	81.1	81.9	32.9	- 0.8	81.2	71	- 1									
Ispahan (R)	5,817																													
Mesched	3,104	894.3		891.6	95.7	+ 3.9	102	11	63.0	+ 5.4	54	29	79.0	90.2	65.2	69.9	15.5	+ 3.3	16.6	48	+ 1.2									
Seistan		944.6		942.4					79.5	+ 3.1	74	14, 31	86.0	103.0	72.0	78.2	20.6	+ 5.0	21.9	50	+ 1.2									
Arabia																														
Bahrain	12	997.7		996.8	99.1	- 0.9	106	3	85.2	- 0.1	81	9, 23	90.4	96.9	82.8	85.6	34.9	- 0.8	87.1	72	- 1									
Muscat (R)	15																													
Sharjah	18	998.1		996.2	101.5	- 0.8	110	27	81.4	- 0.9	75	20	88.9	97.9	60.0	85.0	31.1	+ 0.6	85.1	68	+ 1.2									

(R)—Register not received.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 4TH CLASS STATIONS—AUGUST

STATION.	Maximum temperature °F.				Minimum temperature °F.				Vapour pressure, millibars.				Relative Humidity %				Rainfall, inches.				Number of rainy days (0.10" or more).		Wind direction 9 hrs. I. S. T.						
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean dry bulb temperature 9 hrs. I. S. T. °F.	Mean wet bulb temperature 9 hrs. I. S. T. °F.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean cloud amount 9 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23							
Assam																													
Lumding	90.4	+ 0.2	95	27	76.8	+ 0.2	74	1	78.7	76.6	90.4	- 0.7	91	+ 5	4.15	- 3.93	0.70		1	13	+ 1.7								
Bengal																													
Pabna	90.0	+ 0.5	96	4	78.9	+ 2.6	76	7, 18	83.5	80.5	34.2	+ 1.0	87	+ 1	14.33	+ 3.87	2.78		9	18	+ 2.2								
Kashmir																													
Jammu	91.6	- 0.2	96	11, 31	76.8	- 0.9	72	6, 7	79.9	74.9	37.3	- 1.7	78	- 4	4.2	7.45	- 4.30	1.50	19, 21	11	- 0.1	N 6 W							
Kargil	83.2	- 3.2	92	12, 23	62.3	- 0.1	55	29, 30	65.3	58.9	14.6	+ 3.4	68	+ 18	1.9	0.20	- 0.16	0.20	14	1	- 0.2	S 87 E							
Mysore																													
Balehonnur	73.9	- 0.1	78	1	65.5	+ 0.1	64	4 days	68.2	67.3	22.2	+ 0.3	95	- 2	10.72	- 12.68	1.62		20	23	- 1.5								
Tibet																													
Yatung (Chumbi)	65.6	+ 0.9	68	27, 28, 29	49.5	- 0.8	44	19, 27	56.4	55.5	14.6	+ 0.7	94	+ 5	8.5	4.07	- 2.04	0.50	11	16	- 1.4								
Iran																													
Zahidan	97.8	+ 2.4	102	12, 13, 14	67.7	+ 4.7	59	29, 30	85.0	59.7	8.3	- 9.8	19	- 38	1.1	0	0	0	0	0	0	0	N 26 E						

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10' or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.			
Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	4 hrs. G. M. T.								12 hrs. G. M. T.											
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	
6.2	+ 1.3	3.5	0	0	0		0	0	0	0	0	0	0	11	8	3	1	0	0	8	0	0	0	15	13	2	1	0	0	
3.3	+ 0.1	0.9	0	- 0.01	0		0	0	0	0	0	0	0	26	0	0	0	4	1	0	0	0	0	10	7	11	3	0	0	
1.0		0	0		0		0		6.3		0	3	3	7	1	0	1	1	15	0	0	0	10	19	2	0	0	0		
0	- 0.5	0	0	0	0		0	0	8.0	+ 1.9	6	1	0	0	0	1	3	5	15	0	0	0	0	0	3	12	13	3		
0.6		0	1.1	0.01	- 0.01	0.01	3	0	0	1.2	- 0.1	4	0	3	3	1	0	0	0	20	1	3	19	4	0	1	0	1	2	
0.2	- 0.3		0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	31	0	0	0	0	0	0	0	28	3		
0.9	- 0.2	0.5	0	0	0		0	0	2.6	- 4.1	2	0	0	0	0	2	5	5	17	12	3	2	0	0	0	0	14	0		
1.2	- 0.3	0.7	0	0	0		0	0			0	1	4	2	18	4	0	0	2	4	0	0	0	0	0	11	16	0		

(R)—Register not received.

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 5TH CLASS STATIONS—AUGUST 1945

DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0-10' or more).		DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0-10' or more).			
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.			Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.		
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8		
Assam	Mawsynram	170.60		17.13		8	31	Baluchistan	Harnai	0.46	- 2.20	0.46		22	1	- 3.3	
Bengal	Bankura	8.29	- 3.84	1.45		7	16	0	Rajputana, East...	Udaipur	2.94	- 4.07	0.63		21	8	- 0.6
	Rajshahi	10.23	- 0.08	3.05		18	14	- 0.8	Bombay Deccan ...	Khandala (R)							
	Sirajganj	9.76	- 1.57	2.96		7	14	- 1.2	Madras Southeast.	Palamcottah	0.51	- 0.15	0.51		26	1	0
	Rangpur	17.36	+ 3.61	4.10		6	15	+ 1.0	Madras Deccan ...	Anantapur	2.12	- 1.16	1.38		4	3	- 1.8
	Cooch Behar	39.50	+ 15.76	10.00		5	18	- 0.7	Sikkim	Lachung	8.42	1.22	9	18			
Bihar	Muzaffarpur	13.21	+ 0.65	2.50		3	14	+ 0.4									
	Chapra	9.36	- 1.92	2.81		6	8	- 5.4									
	Arrah	9.57	- 3.00	1.50		27	14	- 0.6									
United Provinces, West.	Meerut	7.48	- 1.82	2.16		24	12	+ 2.2									
Punjab, East and North.	Dharampore	9.70	- 2.86	1.49		27	14	- 2.5									
	Kyelang	0.88	- 0.51	0.22		10	3	- 0.8									
	Dalhousie	19.66	- 2.49	5.84		23	20	- 1.5									
Kashmir	Sonamarg	1.95	- 1.67	0.57		24	8	- 1.0									
	Gurez	0.95	- 2.39	0.22		18	4	- 3.4									

INDIA WEATHER REVIEW, 1945

Monthly Weather Report

September

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Chief features—(1) Two depressions from the Bay of Bengal.

(2) A cyclonic storm from the Bay which travelled from the Orissa coast to Gujarat and thence to the east Punjab.

(3) Two feeble western disturbances that affected the extreme northwest of the country.

With the strengthening of the Bay branch of the monsoon towards the close of August, a depression formed in the Bay of Bengal on the 1st September, centred at 0900 hrs. I. S. T. near Lat. 15° N., Long. $83\frac{1}{2}$ E. Moving rapidly inland, it lay the next day as a shallow low pressure area over north Hyderabad, and thereafter moved northwards towards the Himalayas as a low pressure wave. Associated with it, heavy rains fell in south Hyderabad, Berar, the north Bombay Deccan and along and near the eastern Himalayas. The chief amounts of rainfall were:—September 2nd, Cooch Bihar 7·1" and Raichur 5·0"; 3rd, Akola 7·9", Kathgodam (U. P.) 7·3" and Nainital (U. P.) 6·2". News from Patna state that the heavy rains in the Himalayas flooded the river Kosi, causing considerable damage to the crops in the Supaul Sub-division in Bihar. Heavy rains in Bengal resulted in floods at Serajganj.

Meanwhile, the Bay branch revived again and a depression formed in the Bay of Bengal, off the Orissa coast, centred at 0900 hrs. I. S. T. of the 7th near Lat. 19° N., Long. 88°E. Passing inland during the early hours of the 8th, it travelled westwards and weakened over Central India on the 12th. Associated with the formation and movement of this depression, widespread and locally heavy rain fell over Bengal, Orissa, Chota Nagpur, the Central Provinces, Central India and the United Provinces. The notable amounts were:—6th, Titilagarh (Orissa) 5·5"; 7th, Pal-Lahara (Orissa) 6·9"; 10th, Nowgong and Dharampur 5·2" each; 11th, Gwalior (Fort) 7·6" and Agra 5·8"; 12th, Alwar (Rajputana) 6·2".

The passage of a western disturbance at this time, from north Baluchistan to the northwest frontier, effected an inflow of the monsoon air into the Punjab, causing heavy rains in the east and north of the Province—Hathin (Punjab) recording 6·0" on the 12th; Dhanaula (Punjab) 6·6", Nabha (Punjab) 5·5" and Ludhiana 5·5" on the 13th and Dhanaula 6·0" on the 14th.

In the meantime, a third revival of the Bay branch resulted in the formation of a deep depression centred at 0900 hrs. I. S. T. of the 19th near Lat. 19° N., Long. $87\frac{1}{2}$ E. The depression intensified into a cyclonic storm at night and on the morning of the 20th was crossing the coast between Calingpatam and Gopalpur. Travelling as a deep depression through Raipur, it was over Nagpur on the 21st. It was centred near Khandwa on the 22nd and near Baroda on the 23rd. Thereafter, it recurved and moving through east Gujarat on the 24th, Central Rajputana on the 25th, finally broke up on the Punjab Kumaon hills on the 26th. During its passage, it caused heavy rains almost throughout the country excluding Sind, Baluchistan and the south and west Punjab. The chief amounts of rainfall were:—20th, Chanda 7·6", Koraput (Orissa) 6·5" and Jeypore (Orissa) 6·0"; 21st, Chanda 7·6" and Pansemal (Bombay) 6·2"; 22nd, Akola 9·1", Silota (C. I.) 8·6", Amraoti 8·4" and Warla (C. I.) 7·8"; 23rd, Surat 15·3", Dharampur (Surat) 12·7" and Rajkot 7·3"; 24th, Surat 8·2", Chandpur (C. I.) 8·3", Sajawad (C. I.) 7·4", Kaira (Gujarat) 7·2", Chabra (C. I.) 8·7", Kushalgarh (Rajputana) 5·9", Rupar (Punjab) 5·5", Jhabua (C. I.) 7·2" and Baroda 14·7"; 25th, Sailana (C. I.) 10·3", Lunavada (Gujarat) 7·0" and Sangrur (Punjab) 6·0"; 26th, Ambala 8·9", Ludhiana 7·1", Dhanaula (Punjab) 8·9", Nabha (Punjab) 8·0", Nainital (U. P.) 7·8", Rupar (Punjab) 9·6", Sangrur (Punjab) 8·9" and Muktesar 6·8"; 27th, Sangrur (Punjab) 7·8".

Locally very heavy rains occurred from the 22nd to 25th over east Gujarat and west Central India, and on the 25th and 26th over the east Punjab. Rains over Gujarat and Central India

resulted in disastrous floods in the Tapti and other rivers. According to newspaper reports, serious damage and disruption was caused to transport and communications. Ahmedabad, Baroda and Surat stood isolated for 48 hours. The continuous downpour accompanied by gales, washed away the huts in the low-lying areas of Surat district rendering homeless thousands of people, besides causing extensive damage to standing crops. Reports from Lahore state that torrential rains in the Punjab caused heavy damage including loss of property and cattle in the Ambala-Saharanpur area. Floods in Patiala submerged many of the streets hindering transport.

The breaking of the abovementioned depression over the Punjab Kumaon hills marked the withdrawal of the monsoon from northwest India excluding the west United Provinces. The weather over the country during the rest of the month was controlled mainly by a depression from the Bay of Bengal, which crossed the coast between Gopalpur and Puri on the 30th morning, and was over north Orissa the same evening. Associated with this disturbance, fairly widespread rain fell along the belt from southeast Madras to Chota Nagpur, south Bengal and Assam.

A western disturbance was affecting the northwest frontier on the last day of the month.

The total rainfall of the month was in large excess in the west United Provinces, the east and north Punjab, west Rajputana, Gujarat, Berar and the east Central Provinces, and in slight to moderate excess in Orissa, Chota Nagpur, Bihar, the east United Provinces, east Rajputana, east Central India and the north Madras coast. It was normal in Assam, Kashmir, the west Central Provinces, the Konkan and north Hyderabad, and in large defect in the North-West Frontier Province, Baluchistan and Sind. Elsewhere it was in slight to moderate defect. Averaged over the plains of India, the rainfall was 27 per cent in excess.

The mean maximum temperature was above normal in Kashmir, and below normal in the west United Provinces, the east and north Punjab, Rajputana and the Madras Deccan. The mean minimum temperature was above normal in Kashmir and the North-West Frontier Province.

Relative humidity was above normal in the United Provinces, the east and north Punjab and Rajputana.

Cloud amount was in excess in Orissa, Chota Nagpur, Bihar, the United Provinces, the Punjab, east Rajputana, west Central India, the Central Provinces and southeast Madras. Elsewhere it was normal.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 31 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

N.B.—The Indian Standard Time used in this publication is 6 Hrs. 30 Mins. in advance of G. M. T.

Poona No. 5: }
The 30th October 1945. }

N. K. SUR,
for Director-General of Observatories.

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS—SEPTEMBER 1945

	RAINFALL.					DEPARTURE FROM NORMAL OF					RAINFALL.					DEPARTURE FROM NORMAL OF				
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.		Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.	Actual.	Normal.	Departure from normal.	Percentage departure from normal.		Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Division	"	"	"	"	"	"	"	"	"	Division—contd.	"	"	"	"	"	"	"	"	"	
1. Assam	... 10.42	11.03	- 0.61	- 6	+1.0	+0.9	+0.7	+ 3	+1.4	9. Rajputana	... 4.70	2.62	+2.08	+ 79	- 3.0	+0.4	+1.3	+ 8	+0.6	
2. Bengal	... 9.49	11.35	- 1.86	- 16	+0.5	+1.0	+0.7	+ 1	+1.3	10. Bombay	... 7.84	5.85	+1.99	+ 34	- 0.8	0+0.2	+ 3	+0.8		
3. Orissa	... 12.62	8.95	+3.67	+ 41	0	+0.3	+0.5	+ 2	+1.5	11. Central India	... 9.16	7.58	+1.58	+ 21	- 1.0	+0.5	+0.5	+ 5	+1.4	
4. Bihar	... 11.00	8.51	+2.49	+ 29	+0.4	+0.8	+1.1	+ 4	+1.5	12. Central Provinces and Berar.	12.02	8.12	+3.90	+ 48	- 1.6	+0.5	+0.3	+ 3	+1.1	
5. United Provinces	11.76	7.05	+4.71	+ 67	- 2.9	+0.6	+2.1	+ 8	+2.3	13. Hyderabad	... 6.62	7.46	- 0.84	- 11	- 1.5	+0.1	- 0.6	+ 3	+0.4	
6. Punjab	... 6.58	2.40	+4.18	+174	- 2.2	+1.3	+2.1	+ 9	+1.5	14. Mysore	... 4.25	5.91	- 1.66	- 28	- 0.7	+0.4	- 0.1	+ 3	+0.6	
7. North-West Frontier Province	0.33	0.70	- 0.37	- 53	+0.4	+2.1	+3.4	+ 4	- 0.1	15. Madras	... 4.87	5.35	- 0.98	- 18	- 0.4	+0.3	- 0.3	+ 1	+1.0	
8. Sind	... 0.04	0.51	- 0.47	- 92	+0.7	+0.4	+0.4	+ 1	+0.1	Mean of India	... 7.79	6.15	+1.64	+ 27	- 1.0	+0.6	+0.7	+ 4	+1.0	
Sub-division										Sub-division—contd.										
1. Bay Islands	...									18. Central India, West.	8.60	7.81	+ 0.79	+ 10	- 1.5	+0.7	+0.3	+ 5	+1.7	
2. Assam	... 10.42	11.03	- 0.61	- 6	+1.0	+0.9	+0.7	+ 3	+1.4	19. Do. do. East.	9.92	7.28	+ 2.04	+ 36	- 0.5	+0.3	+0.8	+ 5	+0.9	
3. Bengal	... 9.49	11.35	- 1.86	- 16	+0.5	+1.0	+0.7	+ 1	+1.3	20. Berar	... 15.85	5.92	+ 9.93	+ 163	- 1.9	- 0.1	- 0.3	+ 3	- 0.7	
4. Orissa	... 12.62	8.95	+3.67	+ 41	0	+0.3	+0.5	+ 2	+1.5	21. Central Provinces, West.	7.08	7.78	- 0.70	- 9	- 1.3	+0.5	+0.6	+ 4	+1.2	
5. Chota Nagpur	... 9.93	8.08	+ 1.85	+ 23	- 0.1	+0.8	+1.6	+ 5	+1.5	22. Do. do. East.	16.42	9.42	+ 7.00	+ 74	- 1.8	+0.7	+0.1	+ 3	+1.6	
6. Bihar	... 11.54	8.73	+ 2.81	+ 32	+0.8	+0.8	+0.7	+ 3	+1.6	23. Konkan	... 10.28	10.78	- 0.50	- 5	- 0.1	0	- 0.1	+ 2	+0.1	
7. United Provinces, East.	9.83	7.69	+ 2.14	+ 28	- 1.8	+0.6	+1.8	+ 7	+2.3	24. Bombay Deccan...	4.08	5.52	- 1.44	- 26	- 0.7	- 0.1	- 0.1	+ 3	+0.1	
8. Do. do. West.	13.68	6.40	+ 7.28	+114	- 2.9	+0.7	+2.4	+ 9	+2.2	25. Hyderabad, North	7.31	8.05	- 0.74	- 9	- 1.6	0	- 0.6	+ 4	- 0.1	
9. Punjab, East and North.	11.74	3.75	+ 7.99	+213	- 3.2	+1.4	+2.9	+13	+2.4	26. Do. South.	5.69	6.67	- 0.98	- 15	- 1.4	+0.2	- 0.5	+ 2	+0.9	
10. Do. Southwest.	0.55	0.83	- 0.28	- 34	- 1.0	+1.1	+1.2	+ 4	+0.4	27. Mysore	... 4.25	5.91	- 1.66	- 28	- 0.7	+0.4	- 0.1	+ 3	+0.6	
11. Kashmir	... 1.51	1.44	+ 0.07	+ 5	+2.2	+2.2	+0.3	+ 1	+0.2	28. Malabar	... 4.85	7.65	- 3.30	- 43	+ 0.7	0	+0.3	+ 2	+0.1	
12. North-West Frontier Province.	0.33	0.70	- 0.37	- 53	+0.4	+2.1	+2.4	+ 4	- 0.1	29. Madras, Southeast	2.57	3.95	- 1.38	- 35	+ 0.6	+0.7	- 0.5	- 1	+1.4	
13. Baluchistan	... 0.01	0.19	- 0.18	- 95	+0.7	+1.6	+1.2	+ 2	+0.2	30. Do. Deccan...	4.63	5.58	- 0.95	- 17	- 2.7	- 0.1	0	+ 3	+1.0	
14. Sind	... 0.04	0.51	- 0.47	- 92	+0.7	+0.4	+0.4	+ 1	+0.1	31. Do. Coast, North	7.72	6.09	+ 1.63	+ 27	- 1.0	+0.1	- 0.6	+ 1	+1.0	
15. Rajputana, West.	3.32	1.10	+ 2.22	+202	- 2.9	+0.4	+1.8	+ 7	- 0.3											
16. Rajputana, East.	6.09	4.14	+ 1.90	+ 47	- 3.1	+0.4	+1.0	+ 8	+1.5											
17. Gujarat	... 10.00	3.67	+ 6.33	+172	- 1.1	+0.2	+0.5	+ 5	+0.6											

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G.

STATION.	Height of bar. cistern above mean level in feet.	Pressure reduced to 32°F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.				Re nu
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
Bay Islands Port Blair	261																					
Assam Dibrugarh	348	995.9	- 0.1	991.3	88.4	+ 2.0	96	8	75.4	+ 0.9	73	2	80.0	84.1	77.5	79.7	31.1	+ 1.3	32.5	89		
Sibsagar (R)	317																					
Tezpur	258	998.7	- 0.4	994.3	88.9	+ 0.1	95	21	76.9	+ 0.4	74	15	81.1	84.5	78.6	79.9	32.3	+ 1.2	32.8	89		
Gauhati	182	1000.7	- 0.2	996.4	91.5	+ 2.1	94	24, 25	77.8	+ 1.6	74	8	81.9	85.6	78.7	79.5	32.1	+ 1.0	31.8	87	+	
Dhubri	115	1002.2	- 1.0	998.0	86.6	+ 0.9	94	25	78.0	+ 0.7	74	3	80.4	84.0	78.4	79.5	32.3	+ 0.9	32.4	91	+	
Silchar	96	1003.9	- 0.7	999.4	89.9	+ 0.2	95	4 days	77.2	+ 1.0	75	12, 27, 30	79.9	86.5	77.9	80.9	31.8	+ 0.8	33.5	93	+	
Srimangal	69	1004.5	- 0.8	1000.6	89.6	- 0.7	94	20	76.4	+ 1.1	73	23	80.0	84.3	78.3	80.3	32.2	+ 0.8	33.5	93	+	
Bengal Cox's Bazar	38	1005.5	- 0.6	1002.6	88.7	+ 2.3	91	1, 19, 25	76.7	+ 0.8	74	29	82.9	81.9	78.9	78.4	31.9	+ 0.4	31.6	83	-	
Chittagong	87	1003.5	- 1.0	1000.1	88.5	+ 1.4	93	19	77.4	+ 1.0	74	27	81.7	83.5	77.8	79.1	30.7	- 0.4	31.9	83	-	
Noakhali (R)	22																					
Comilla	29	1005.5	- 0.5	1001.9	89.5	+ 0.9	92	5 days	78.3	+ 1.4	75	28	82.2	85.5	79.2	80.4	32.7	+ 0.7	33.2	87	+	
Brahmanbaria	32	1005.6		999.5	89.4	- 0.8	99	1	79.2	+ 3.3	75	29	85.8	84.9	79.3	80.6	32.6	+ 1.6	33.6	85	+	
Narayanganj	26	1005.2	- 0.6	1001.8	89.8	+ 1.1	94	19, 27, 28	79.9	+ 1.1	75	30	83.9	86.1	79.9	80.0	33.1	+ 0.6	32.2	83	-	
Mymensingh	62	1004.7	- 0.3	1000.9	88.7	+ 0.9	93	23	78.7	+ 0.9	75	30	82.5	85.3	79.5	80.2	33.1	+ 0.7	32.9	87		
Faridpur	27	1004.7	- 0.5	1001.0	87.4	- 0.4	91	4 days	79.7	+ 1.2	76	28, 29	84.1	84.9	80.1	80.4	33.3	0	33.4	93		
Barisal (R)	11																					
Khulna	16	1005.4	- 0.5	1002.0	89.4	+ 0.4	94	25	79.3	+ 0.8	77	4 days	84.6	84.0	80.3	79.7	33.3	+ 0.7	32.5	82	-	
Jessore	26	1004.5	- 0.9	1001.9	90.2	+ 0.9	95	27, 28	77.6	+ 0.1	74	26, 29	83.7	84.1	81.2	81.0	33.3	0	34.8	89	+	
Satkhira	16	1004.6	- 1.0	1001.3	89.2	- 0.4	92	6, 24, 25	78.3	0	74	29	83.7	84.3	80.4	80.0	33.9	+ 0.2	32.9	86	+	
Dum Dum (R)	33																					
Calcutta	21	1004.4	- 0.8	1001.0	90.4	+ 0.5	94	5, 17	79.3	+ 1.3	76	28	82.8	83.7	80.4	80.0	34.3	+ 1.7	33.4	89	+	
Saugor Island	10	1001.3	- 0.9	1001.3	87.6	- 0.1	91	7, 25, 27	80.1	+ 0.6	77	7, 30	83.8	83.9	80.2	79.8	33.6	+ 0.7	32.9	85	+	
Sandheads	28	1003.7	- 1.1	1000.8																		
Midnapore	149	999.5	- 1.1	996.1	90.8	+ 1.1	95	25, 26	78.9	+ 0.8	75	28	81.8	84.6	79.5	79.7	33.3	+ 1.6	32.3	90	+	
Burdwan (R)	106																					
Krishnagar	48	1003.7	- 0.4	1000.4	92.0	+ 1.9	93	25	78.6	+ 0.6	76	26, 27	83.1	85.1	80.3	80.4	34.0	+ 1.1	33.4	88	+	
Asansol	414	990.8	- 0.5	987.4	89.5	- 0.4	94	6, 25	77.8	+ 0.8	75	7, 23	82.1	83.4	79.2	79.0	32.7	+ 0.8	31.8	87	+	
Berhampore	62	1003.3	- 0.7	999.6	91.9	+ 2.3	96	5 days	79.0	+ 0.4	75	25	83.9	85.7	80.3	80.1	33.7	+ 0.8	32.6	84	-	
Bogra	63	1003.4	- 1.0	1000.1	89.8	+ 0.7	95	25	79.2	+ 1.3	76	20, 21	83.4	86.1	80.1	80.7	33.5	+ 0.7	33.3	86		
Malda	103	1002.2	- 0.2	998.8	88.2	- 0.8	95	26	78.9	+ 0.6	75	17	83.3	84.5	80.7	79.9	33.4	+ 0.6	32.8	86	+	
Dinajpur (R)	123																					
Jalpaiguri Orissa	271	997.2	- 0.4	993.6	88.3	+ 0.2	93	24, 28	75.9	0	73	27	79.1	84.6	76.6	79.3	30.1	- 0.8	31.7	89	-	
Balasore	65	1001.9	- 1.4	998.9	88.5	- 0.5	95	25, 26	78.9	+ 0.9	76	30	83.0	84.2	80.4	80.9	34.3	+ 2.0	33.9	87	+	
Chandbali	20	1003.9	- 0.7	1000.8	88.3	- 0.5	93	26	78.7	+ 0.4	75	12, 29, 30	83.0	84.8	79.5	79.7	32.9	+ 0.5	32.8	85	-	
Puri	20	1003.6	- 1.3	1000.8	89.1	+ 0.5	95	26	80.0	+ 0.5	77	7, 10, 29	83.3	84.9	79.5	80.4	32.6	+ 0.3	33.4	83		
Gopalpur	56	1002.3	- 1.3	999.5	89.1	+ 0.5	94	27	77.8	- 0.1	73	23, 29	83.1	84.7	79.6	80.9	32.9	+ 1.0	34.2	85	+	
Cuttack	87	1001.5	- 1.4	998.3	90.1	+ 0.1	96	25	79.0	+ 1.1	76	29	82.7	85.6	78.7	79.7	31.7	+ 0.6	31.9	87	+	
Angul	455	988.8	- 1.2	985.6	89.2	+ 0.4	93	16, 25	76.7	+ 0.2	74	7, 18	80.6	82.6	77.4	75.6	30.8	+ 0.5	31.6	86	+	
Sambalpur	486	987.7	- 1.5	984.3	87.7	- 1.0	93	27	76.5	- 0.4	74	4 days	78.8	83.7	77.0	78.7	30.8	+ 0.6	31.2	92	+	
Chota Nagpur Jaunsherdpur	423	990.0	- 0.8	986.7	90.0	+ 0.1	95	25	75.3	+ 0.7	76	29	82.1	83.6	78.1	78.6	31.0	+ 0.6	31.1	84		
Chaitanya	742	978.8	- 1.2	975.6	87.9	- 1.4	92	4 days	77.1	+ 1.1	76	6 days	79.4	84.3	77.5	79.3	31.3	+ 1.8	31.9	92	+	
Ranchi	2,150	933.2	- 0.3	930.3	88.9	- 0.1	85	25, .6	72.6	+ 0.7	71	23, 30	76.5	78.9	74.1	75.2	27.4	+ 1.6	27.8	89	+	
Hazaribagh	2,006	937.7	- 0.5	934.9	86.0	+ 1.3	92	16	73.1	+ 0.8	70	29	76.6	79.6	74.2	75.4	27.7	+ 1.8	28.3	90	+	
Daltonganj	725	979.9	- 0.9	976.7	89.4	- 0.3	94	4 days	76.0	+ 0.6	72	29, 30	8.7	83.3	77.5	78.7	30.9	+ 2.2	31.5	87	+	
Dhanbad	839	976.5			88.0			93	4, 25	75.1		17, 20	80.8		77.7		31.1		90			
Bihar																						
Purnea	124	1001.4	- 0.5	995.0	90.0	+ 1.0	96	26	78.4	+ 1.0	73	17, 24	82.8	84.5	79.5	79.8	32.9	+ 0.5	32.7	86	-	
Darbhanga	161	999.8	- 0.5	996.3	90.8	+ 1.6	96	25	78.5	0	17	82.5	86.5	79.9	81.0	33.4	+ 2.3	33.3	89	+		
Motihari	218	997.6	- 0.5	994.1	89.9	+ 0.3	94	17, 29	77.1	+ 0.1	71	16, 17, 19	82.1	85.4	79.8	81.3	32.6	+ 0.9	32.2	86	+	
Patna	173	998.8	- 0.8	995.8	90.2	+ 0.5	95	26	79.6	+ 0.7	75	18	83.0	85.6	79.2	79.8	32.3	+ 0.3	32.0	84	r	
Dehri																						
Gaya	365	992.3	- 0.4	988.8	91.0	+ 0.5	96	2, 26	79.1	+ 2.0	73	18	83.1	86.6	78.7	79.7	31.5	+ 1.2	31.4	81	+	
Naya Dumka abour	489	957.5	- 1.6	984.6	90.0	+ 0.9	96	25	77.7	+ 1.0	74	18	81.6	83.0	78.5	78.3	32.3	+ 1.4	20.8	86	+	
	122	1001.0	+ 6.1	997.5	89.5	+ 0.4	94	26, 27	79.0	+ 0.7	75	3, 17, 18	82.9									

Cloud amount parts of sky).		Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.					
Departure from normal.	Mean 18 hrs. I. S. T.	Total of the months.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.								18 hrs. I. S. T.													
		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	
2 + 1.9	6.1	12.87	- 0.98	2.72	2	12	- 3.4	1.1	+ 0.2	5	7	6	0	3	1	3	2	3	2	2	2	0	0	0	0	1	23	Bay Islands	Port Blair		
3 + 1.0	6.2	8.19	- 0.09	3.24	15	9	- 3.7	1.6	+ 0.2	0	2	9	1	0	1	2	2	13	1	4	4	1	0	0	2	2	16	Assam	Dibrugarh		
9 + 1.1	6.4	4.12	- 2.47	1.10	8	8	- 1.3	2.2	+ 0.9	4	10	3	4	3	1	1	1	3	1	6	3	3	1	7	6	2	1	1	Tezpur	Gauhati	
3 + 0.8	7.5	11.11	- 2.91	2.16	.8	11	- 1.5	3.2	- 0.1	2	1	5	2	2	2	1	12	4	3	5	2	3	2	0	2	8	Dhubri	Sibsagar (R)			
2 + 1.9	7.2	18.87	+ 3.05	3.24	10	18	+ 1.8	1.1	- 0.2	0	6	3	10	1	2	1	4	3	0	2	0	4	1	2	3	11	7	Silchar	Srimangal		
9 + 1.8	7.2	9.05	- 2.72	1.16	11	18	+ 2.1	2.4	- 0.5	1	2	5	9	6	2	1	1	3	2	6	1	2	4	4	3	0	8	Bengal	Cox's Bazar		
1 - 0.4	6.7	19.33	+ 4.08	4.40	29	12	- 2.4	4.1	+ 1.1	0	1	1	14	7	0	0	0	7	1	2	0	7	11	3	2	0	4	Chittagong	Noakhali (R)		
7 + 0.8	7.7	8.24	- 4.40	2.10	3,23	9	- 4.0	3.7	- 1.7	0	0	2	12	7	0	1	0	8	1	0	1	2	9	8	4	1	4	Comilla	Brahmanbaria		
.4 + 2.3	7.8	7.23	- 4.12	1.90	28	11	- 2.7	4.6	+ 0.9	0	0	3	13	3	0	0	0	11	1	1	0	3	15	1	0	1	8	Narayanganj	Mymensingh		
.5 - 0.4	6.9	5.23	- 4.53	2.14	28	9	- 3.1	2.7	- 0.6	0	0	5	5	9	4	2	0	5	0	0	2	4	12	3	2	1	6	Faridpur	Burisal (R)		
.8 + 2.5	7.9	6.63	- 2.63	1.46	28	11	- 1.0	5.0	+ 0.7	0	2	3	13	8	1	1	1	1	1	1	3	10	8	1	0	0	6	Khulna	Jessore		
.3 + 1.2	8.5	6.48	- 1.44	1.55	18	12	- 0.2	3.6	+ 0.6	1	2	3	15	3	2	0	0	4	0	1	4	14	2	1	0	0	8	Satkhira	Dum Dum (R)		
.6 - 0.8	6.7	6.22	- 2.26	1.33	20	8	- 4.0	4.0	+ 1.8	0	3	3	11	9	0	0	2	2	0	1	4	14	6	3	0	0	2	Calcutta	Saugor Island		
.9 + 0.7	7.8	8.77	- 0.01	2.20	29	15	+ 2.8	2.6	+ 0.9	0	3	5	9	5	0	1	0	7	1	0	1	11	6	1	0	0	10	Sandheads	Midnapore		
.1 + 1.0	8.6	10.75	+ 0.80	3.11	28	17	+ 3.8	2.4	- 0.4	0	0	7	8	4	4	0	0	7	1	0	5	4	8	3	1	0	8	Burdwan (R)	Krishnagar		
.7 - 0.9	7.1	10.31	- 0.04	1.95	7	17	+ 4.1	10.2	+ 1.8	2	5	5	5	4	7	1	0	1	0	1	4	8	10	3	1	0	3	Asansol	Berhampore		
.7 + 0.4	7.0	2.28	- 2.51	0.87	11	6	- 2.4			1	2	4	9	4	7	2	1	0	0	1	5	8	6	8	0	1	1	5	Bogra	Dinajpur (R)	
.7 + 3.1	9.3	9.18	+ 0.67	1.38	28	17	+ 5.1	3.3	+ 1.4	2	5	8	3	5	2	0	0	5	0	2	5	4	12	1	1	0	5	Jalpaiguri	Orissa		
.4 + 1.7	8.8	5.99	- 1.97	1.01	6	14	+ 2.8	2.4	- 0.4	0	4	3	13	5	2	0	1	2	0	0	4	12	3	0	1	10	Balasore	Chandbali			
1.1 + 2.6	9.4	9.73	+ 1.48	1.55	9	14	+ 3.3	4.4	+ 0.4	3	7	9	2	2	1	1	3	3	1	9	11	2	1	1	3	1	Furi	Puri			
1.2 + 1.4	8.0	8.88	- 0.26	2.30	7	13	+ 1.5	2.3	- 0.2	0	0	11	2	3	0	0	0	9	0	1	6	4	5	0	0	14	Gopalpur	Cuttack			
3.1 + 1.8	5.9	4.91	- 6.38	1.01	18	12	- 0.6	2.5	+ 0.9	0	1	16	4	1	5	1	0	2	0	1	11	12	4	1	1	0	0	Angul	Sambalpur		
3.0 + 2.8	7.9	11.36	- 0.16	3.17	17	14	+ 2.4	3.9	0	1	4	6	6	7	3	0	1	2	1	4	7	8	3	0	2	2	3	Chota Nagpur	Chota Nagpur		
7.8 + 2.3	7.8	20.50	- 0.72	3.80	15	22	+ 5.6	3.1	+ 1.6	2	13	8	1	2	0	1	1	2	1	9	6	4	1	4	1	2	2	Dhanbad	Bihar		
3.7 + 2.2	9.0	14.87	+ 3.81	3.73	30	18	+ 5.1	3.3	+ 0.8	4	6	1	3	3	6	1	4	2	2	0	10	4	3	0	0	9	Purnea	Darbhanga			
3.8 + 0.1	7.2	12.90	+ 3.95	3.63	19	12	- 2.1	5.5	+ 0.4	5	2	1	3	7	1	6	4	1	0	4	3	11	3	3	0	3	Motihari	Patna			
7.1 + 1.2	7.9	10.58	+ 1.53	3.40	19	14	+ 1.9	10.1	+ 2.0	7	4	1	4	3	6	2	3	0	0	3	3	3	11	8	2	0	0	Dehri	Hazaribagh		
7.3 + 2.1	7.6	10.48	+ 3.00	3.77	29	8	- 1.5	9.4	+ 2.9	6	0	0	1	3	8	0	12	0	3	0	0	4	5	11	2	5	0	0	Sabour	Naya Dumka	
7.2 + 0.9	7.9	7.63	- 2.13	1.50	7	15	+ 2.4	3.2	+ 1.4	3	4	0	1	1	7	6	7	1	3	3	2	4	2	1	1	13	IWR 9-b	IWR 9-b			
7.4 + 0.6	8.8	14.24	+ 6.89	3.45	14	18	+ 6.9	4.7	+ 0.9	1	2	2	2	0	0	7	11	5	3	2	2	5	1	1	2	4	10	Angul	Chaitabasa		
9.4 + 3.1	8.7	17.62	+ 8.57	2.07	7	20	+ 8.6	4.2	+ 1.4	1	2	1	0	4	6	0	2	14	1	1	0	4	6	5	3	9	Dhankot	Dhanbad			
7.4 + 0.3	9.1	10.85	+ 3.74	2.22	20	12	+ 0.8	4.0	+ 0.9	2	2	9	2	0	2	7	1	5	0	2	17	5	1	1	0	2	Bihar	Purnea			
8.7 + 2.3	9.2	9.84	+ 1.93	2.12	20	20	+ 8.4	1.1	+ 0.5	0	6	0	1	1	5	0	0	17	1	7	1	4	1	2	0	3	11	Asansol	Patna		
7.6 + 1.2	8.6	12.02	+ 2.72	3.05	7	15	+ 2.7	3.4	- 0.6	1	1	5	2	2	2	1	14	6	2	8	2	1	1	0	0	10	Ranchi	Hazaribagh			
7.9 + 0.9	8.6	5.62	- 3.32	1.08	18	12	+ 0.5	4.9	- 0.4	1	2	4	5	2	4	1	9	3	2	6	6	5	3	0	3	5	Daltonganj	Dhanbad			
7.3 + 2.9	8.5	11.31	+ 4.17	2.44	30	15	+ 5.7	3.0	+ 0.2	1	4	6	1	1	6	2	8	2	5	7	1	0	0	8	5	2	1	1	9	Sabour	IWR 9-b
		12.55		1.62	7	16		5.7		0	5	5	8	0	5	4	0	3													
7.5 + 1.6	7.1	11.94	+ 0.34	4.50	17	14	+ 2.5	2.6	+ 0.7	0	0	13	7	0	2	3	0	5	0	3	13	4	1	0	2	0	7	Bihar	Purnea		
8.2 + 2.3	6.9	14.82	+ 5.58	2.57	18	17	+ 7.6	3.8	+ 1.2	0	8	8	8	1	0	2	2	1	0	11	1	11	0	4	1	2	0	0	9	Asansol	Patna
7.0 + 2.1	7.9	9.06	+ 0.01	2.57	16	17	+ 7.9	2.6	- 0.4	0	1	13	4	0	0	1	0	11	0	1	14	2	0	2	0	2	9	Ranchi	Hazaribagh		
7.2 + 1.1	7.1	9.88	+ 1.28	5.22	18	11	+ 1.8	3.7	+ 0.4	0	4	10	4	2	3	2	1	4	0	3	12	2	0	2	3	0	8	Patna			

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Heights of bar. cistern sea level in feet.	Pressure reduced to 32° F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %	
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	(+) Mean	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
U. P., East																					
Gonda	360	993.3		989.6	89.2	- 1.9	95	25, 26	76.6	- 0.5	72	23, 24, 29	80.0	84.9	77.6	79.1	31.2	+ 0.3	31.2	89	+ 5
Gorakhpur	254	996.0	- 0.8	992.7	90.2	- 0.8	94	4 days	77.6	+ 0.4	74	19, 24	80.5	85.1	78.0	79.1	32.6	+ 1.5	31.1	89	+ 5
Benares	250	995.9	- 0.7	992.6	90.5	- 1.0	96	3	78.1	+ 1.5	72	19	81.3	86.8	78.4	79.1	33.2	+ 2.5	33.6	91	+ 8
Allahabad (Pamrauli)	322	993.2	- 1.0	990.1	90.5	- 1.0	96	3	78.1	+ 1.5	72	19	81.3	86.8	78.5	80.7	31.8	+ 1.4	30.7	85	+ 6
Fatehpur	375	991.2		987.9	89.9	- 1.2	94	7	77.1	+ 0.4	72	29	80.4	85.5	78.5	80.7	32.4	+ 1.5	33.5	92	+ 8
Cawnpore	413	990.3	- 0.6	987.0	89.7	- 1.2	93	5 days	77.1	+ 0.9	72	29	80.3	85.7	77.7	79.3	31.3	+ 1.7	31.2	89	+ 4
Lucknow	371	991.9	- 0.5	988.6	89.4	- 2.5	94	1, 7, 26	76.4	- 0.1	72	29	80.3	85.7	78.3	83.6	32.2	+ 2.2	38.4	92	+ 10
Bahraich	407	990.5	- 0.7	987.3	89.2	- 2.0	94	7, 25	77.6	+ 1.1	74	29	80.7	85.9	77.9	79.1	33.3	+ 3.5	30.3	87	+ 6
U. P., West																					
Jhansi	824	975.9	- 1.7	973.4	88.2	- 3.5	92	8	75.3	- 0.5	70	30	77.9	84.4	75.2	77.4	23.7	+ 1.7	28.9	88	+ 11
Agra	553	984.9	- 1.3	982.2	89.0	- 3.9	94	7, 8	77.9	+ 1.7	70	30	78.8	86.8	76.6	79.6	30.3	+ 3.0	31.3	90	+ 12
Mainpuri	516	986.6	- 0.8	983.7	89.3	- 3.6	101	6	76.4	+ 0.8	71	17	79.1	84.8	77.0	79.7	30.8	+ 2.8	32.4	92	+ 13
Aligarh	615	983.2		980.5	89.6	- 2.7	96	2	76.3	+ 0.4	69	30	79.6	85.9	76.7	78.5	30.0	+ 3.3	29.9	87	+ 13
Bareilly	568	984.9	- 1.0	981.8	88.9	- 2.0	95	2	76.5	+ 0.8	72	29	80.1	84.9	77.4	78.9	31.0	+ 2.2	30.1	88	+ 5
Roorkee	899	973.9	- 0.8	971.1	88.0	- 2.5	95	8	74.1	+ 1.0	67	29	78.1	84.9	75.2	77.8	28.5	+ 2.0	29.3	87	+ 5
Dehra Dun	2,239	980.1	- 0.4	927.6	82.8	- 2.1	89	7	70.2	+ 0.7	64	29, 30	73.9	79.1	71.7	74.5	25.6	+ 2.1	27.1	90	+ 7
Punjab, E. and N.																					
New Delhi	714	979.6	- 1.2	976.9	89.9	- 3.6	98	8	75.4	- 0.1	67	30	78.3	87.5	75.6	78.2	29.3	+ 3.4	28.9	87	+ 13
Hisar	725	979.4	- 0.8	976.7	92.1	- 4.6	102	2	75.3	+ 0.8	66	30	78.1	88.2	74.8	78.7	28.1	+ 4.0	29.1	86	+ 18
Ambala	892	974.0	- 0.7	971.2	88.8	- 5.2	97	2, 7, 8	75.0	+ 1.1	67	30	76.6	85.8	74.9	77.9	28.7	+ 2.9	29.0	91	+ 14
Ludhiana	812	977.1	- 0.3	973.6	90.6	- 4.9	100	7	75.4	+ 0.6	69	30	77.7	87.5	74.6	77.5	27.9	+ 2.8	27.6	87	+ 12
Lahore	702	980.1	- 0.6	977.9	93.6	- 3.7	103	3	76.0	+ 2.9	64	30	78.6	91.2	75.8	81.2	29.1	+ 4.0	31.8	88	+ 18
Sialkot	830	975.8	- 0.8	973.4	93.6	- 1.0	102	3	75.9	+ 2.1	64	27	79.8	90.2	74.0	77.4	26.0	+ 0.6	26.2	75	- 4
Rawalpindi	1,674	947.8	- 1.1	945.3	93.2	- 0.2	99	2, 3	71.8	+ 2.5	59	28	76.0	90.2	71.3	76.1	24.0	+ 2.3	24.5	80	+ 18
Punjab, Southwest																					
Khushab	612	982.3	- 1.5	979.6	98.3	- 0.3	105	2, 3	77.2	+ 1.1	62	28	82.1	86.2	75.1	78.1	26.5	+ 2.9	24.6	71	+ 3
Lyallpur	605	982.5	- 1.0	980.2	95.9	- 2.2	102	2, 3, 8	76.6	+ 1.4	65	27, 29	80.0	93.5	74.1	76.9	26.1	+ 2.6	23.8	75	+ 7
Montgomery	558	983.9	- 1.3	978.1	96.2	- 3.1	102	1, 2, 9	75.9	0	67	28, 29	79.9	90.9	73.9	77.4	25.8	0	26.0	74	+ 1
Leiah	490	986.5		983.6	109.1	- 108	2	78.7	65	28, 29	81.5	98.1	76.1	81.1	28.2		28.4	76			
Multan	413	988.9	- 0.8	986.9	100.4	+ 1.7	106	2, 11	78.8	+ 1.1	70	27, 28	81.1	98.7	75.2	79.4	27.4	0	25.3	75	+ 2
Fort Abbas	475	987.1		984.2	100.0		106	2	79.5	71	28, 29, 30	81.9	97.0	75.1	78.1	26.5		24.1	72		
Bahawalpur	384	990.0	- 0.5	987.4	99.1	- 1.3	104	2, 11	77.9	+ 2.2	70	28, 29, 30	79.9	98.8	73.7	78.4	25.6	- 1.5	23.8	73	+ 2
Khanpur	297	993.4	- 0.3	990.1	101.3	- 0.9	106	11	77.8	+ 0.8	69	28	80.5	100.8	75.3	82.0	27.6	+ 3.4	28.6	78	+ 10
Kashmir																					
Srinagar	5,205	838.7	- 1.3	835.3	86.8	+ 3.5	94	17, 19	57.1	+ 3.6	44	29, 30	61.9	81.1	58.5	65.7	15.2	+ 0.2	15.2	83	- 5
Gulmarg	8,709	740.0	+ 0.1	739.8	66.7	+ 3.2	74	5 days	42.0	- 1.1	33	28, 29	48.1	56.5	46.9	50.2	15.5	+ 0.3	10.0	91	+ 8
Dras	10,059	703.7	- 0.2	700.6	69.5	+ 1.4	77	16, 17, 19	45.0	+ 3.8	34	30	49.3	67.0	44.8	49.9	8.7	+ 0.8	7.1	73	+ 6
Leh	11,529	667.7	+ 0.4	664.3	69.8	+ 0.1	77	3, 16, 17	44.1	+ 2.3	32	27	47.7	66.5	40.9	47.5	6.5	+ 0.1	5.5	61	+ 3
Skardu	7,505	767.4		764.0	85.7	+ 7.2	94	12	56.6	+ 3.3	45	25	60.2	81.8	50.7	55.0	9.1	- 1.2	7.8	55	- 11
Gilgit	4,890	847.5		843.2	88.6	+ 3.2	99	7 days	65.3	+ 2.3	52	27	71.2	81.3	59.9	65.7	12.9	- 0.8	15.2	50	- 14
Misgar	10,190	701.7		697.6	71.9		79	15, 18, 13	47.4	36	30	30	48.9	67.0	40.2	46.6	5.9	4.7	50		
N.-W. F. Province																					
Peshawar	1,175	964.2	- 1.2	961.1	96.0	+ 1.0	103	3	75.2	+ 3.4	61	30	77.9	93.6	72.2	76.5	24.5	+ 4.5	23.4	74	+ 10
Bannu	1,264	960.2		957.5	97.1	- 0.8	104	3	76.8	+ 3.1	63	30	80.2	94.9	72.0	76.9	23.9	+ 2.5	23.6	67	+ 3
Miranshah	8,026	902.6		901.0	92.2	+ 0.5	99	3, 4	71.8	+ 0.7	60	27, 28	75.6	89.5	65.2	71.9	16.7	+ 1.8	19.3	57	+ 3
Dera Ismail Khan	570	983.6	- 0.9	980.7	100.4	+ 1.0	107	2, 3	76.7	+ 1.1	67	27, 28, 29	80.8	97.7	74.3	78.2	26.0	+ 0.8	24.0	73	0
Baluchistan																					
Port Sundeman	4,614	856.1	- 0.3	852.9	94.0	+ 1.3	99	3, 17, 18	69.3	+ 3.1	55	28, 29	72.2	92.0	64.2	65.8	17.1	+ 4.1	11.2	66	+ 13
Loralai	4,699	852.4		849.8	90.3		95	4	60.3	45	28	63.0	87.4	50.6	61.7	7.6		8.6	38		
Sibi	441	957.7	- 0.6	983.6	104.9	- 1.1	107	12, 23	81.7	+ 2.8	73	27, 29	83.9	101.4	74.5	78.2	24.9	+ 4.5	22.4	63	+ 9
Quetta	5,490	828.5	- 3.4	826.0																	

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0°10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.					
Mean 9 hrs. I.S.T.	Departure from normal.	I.S.T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.								18 hrs. I. S. T.								STATION.					
Mean 18 hrs. I. S. T.			27	28	29	30	31	32	33	34	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	STATION.			
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53			
6.6	+ 1.4	6.3	9.92	+ 0.78	2.04	17	16	+ 5.8	3.7	+ 0.6	0	1	17	2	0	0	6	2	2	0	1	15	1	1	1	8	2	1	U. P., East			
7.5	+ 3.2	7.1	15.71	+ 7.19	4.12	18	15	+ 5.7	3.3	+ 1.6	2	5	8	3	1	1	4	1	5	0	5	4	5	2	2	2	2	8	Gonda			
6.8	+ 1.5	6.4	9.22	+ 2.00	2.10	17	11	+ 2.3	4.9	+ 2.1	0	3	8	4	1	7	7	0	0	2	7	5	1	1	1	6	7	0	Gorakhpur			
7.4	+ 1.8	7.3	6.47	- 1.89	1.62	11	19	+ 9.5	4.5	+ 0.8	1	2	5	1	2	2	10	3	4	2	7	3	1	0	2	5	6	4	Benares			
6.1	+ 1.5	5.8	7.08	+ 1.57	2.72	3	9	+ 0.4	3.3	+ 0.6	1	2	6	3	0	2	7	2	7	1	1	6	0	0	1	2	10	9	Allahabad (Bamrauli)			
6.6	+ 3.3	6.8	6.36	- 0.43	1.42	14	13	+ 5.7	5.9	+ 0.8	2	5	3	4	2	5	4	1	4	6	4	4	3	2	1	2	6	2	Fatehpur			
7.1	+ 2.6	6.6	9.73	+ 2.38	1.83	13	12	+ 4.1	*	0	0	11	0	1	0	6	0	12	0	2	6	0	1	0	5	0	0	16	Cawnpore			
6.8	+ 3.3	7.0	14.19	+ 5.61	3.23	3	18	+ 5.7	4.0	+ 2.0	1	0	11	8	0	2	0	3	5	0	0	12	6	1	1	2	4	4	Balrach			
6.1	+ 2.5	7.0	5.57	- 0.33	2.64	11	9	+ 2.0	4.6	+ 1.6	0	2	2	1	0	4	19	2	0	0	2	1	2	0	2	16	7	0	U. P., West			
5.8	+ 1.4	5.7	9.82	+ 5.24	5.80	11	8	+ 2.4	2.9	- 0.5	2	1	2	2	2	2	2	1	16	0	2	6	1	0	0	8	6	12	Agra			
5.8	+ 1.5	6.0	13.21	+ 8.12	3.20	13	15	+ 8.6	2.3	+ 0.6	2	4	4	5	3	2	3	2	5	0	1	5	7	0	0	6	7	4	Mainpuri			
5.2	+ 1.9	4.9	12.21	+ 6.91	2.54	3	13	+ 6.9	3.9	*	0	3	0	6	3	2	0	9	1	6	5	0	5	3	3	0	8	4	2	Aligarh		
6.4	+ 2.3	6.7	13.94	+ 6.44	3.60	17	16	+ 9.2	3.1	+ 1.5	3	2	11	5	2	0	4	1	2	3	3	4	6	2	1	2	5	4	Bareilly			
7.1	+ 3.4	5.7	17.22	+ 10.85	3.82	23	18	+ 7.0	2.6	+ 0.9	0	0	0	19	1	0	0	1	14	0	1	0	16	0	2	0	9	2	Roorkee			
6.9	+ 2.2	7.1	25.98	+ 15.86	4.66	19	23	+ 12.1	1.6	0	3	2	0	3	2	2	2	1	15	3	3	0	2	5	2	6	1	8	Dehra Dun			
5.7	+ 2.5	4.9	14.14	+ 9.80	1.99	14	19	+ 14.4	4.7	0	4	7	2	1	7	6	1	2	2	4	6	2	0	8	4	7	2	2	Punjab, E. and N. New Delhi			
4.2	+ 2.2	3.9	14.08	+ 11.27	4.85	25	8	+ 4.9	5.0	+ 0.9	1	3	5	4	4	8	3	1	1	4	2	5	2	2	4	3	2	6	Hissar			
5.8	+ 2.7	4.9	19.19	+ 14.08	8.85	26	11	+ 6.3	2.5	+ 0.8	0	1	0	12	0	0	0	6	11	0	3	0	9	0	1	0	12	5	Ambala			
5.6	+ 3.3	5.9	27.52	+ 23.57	7.14	26	12	+ 8.2	1.9	+ 0.7	1	7	1	6	0	4	0	0	11	2	7	3	4	1	5	0	5	3	Ludhiana			
4.1	+ 2.4	3.4	2.97	+ 0.77	1.51	15	5	+ 2.5	2.0	+ 0.5	0	4	6	5	2	2	0	0	11	1	5	5	1	4	2	6	3	3	Lahore			
4.7	+ 2.7	3.7	2.15	- 1.28	0.70	23	4	+ 0.2	2.7	+ 1.8	2	9	5	5	1	0	0	3	5	1	4	2	7	3	1	1	8	3	Sialkot			
3.1	+ 1.1	2.0	2.12	- 1.77	0.85	10	5	+ 0.4	1.9	+ 0.4	2	10	5	4	0	1	1	0	7	0	1	1	9	3	7	5	2	2	Rawalpindi Punjab, Southwest Khushab			
1.0	+ 0.4	1.2	2.99	+ 1.61	2.20	27	2	0	4.7	+ 0.2	2	8	5	7	2	3	1	0	2	1	4	5	13	6	1	0	0	0	0	0	0	Leh
1.6	- 0.3	2.9	0.30	- 1.19	0.30	27	1	- 0.7	2.8	+ 0.5	0	3	3	3	7	4	0	3	7	0	6	6	6	5	4	0	2	1	1	Lyallpur		
1.4	+ 0.3	1.3	0.02	- 1.25	0.02	24	0	- 1.6	3.2	- 0.7	0	3	0	8	2	1	0	8	13	1	2	4	7	4	3	3	6	0	Montgomery			
0.3	0.8	0	0	0	0	0	0	5.8	1	3	2	5	12	3	0	4	0	1	1	2	8	5	7	5	1	0	0	3	4	Lehia		
1.6	+ 0.8	1.0	0	- 0.54	0	0	0	- 0.7	4.5	+ 2.5	7	0	1	0	16	4	0	1	1	2	2	1	6	11	0	3	4	2	2	Multan		
3.0	3.7	0.10	0.10	0.10	0	27	1		8.2	2	3	4	3	0	13	3	1	1	4	8	1	0	2	10	2	2	1	1	1	1	Fort Abbas	
1.8	+ 1.3	0.4	0	- 0.18	0	0	0	- 0.2	4.4	+ 0.6	1	3	0	2	8	7	0	0	9	1	5	1	1	3	8	3	0	8	0	0	Bahawalpur	
0.5	0	0.5	0	- 0.19	0	0	0	- 0.2	5.0	- 0.8	0	4	0	0	0	22	0	0	4	0	4	0	0	0	23	0	0	3	0	3	Khanpur	
3.8	+ 0.9	4.5	0.93	- 0.60	0.58	13	2	- 1.5	2.0	- 0.2	0	1	1	9	4	2	0	3	10	0	1	1	5	2	1	2	11	7	0	Kashmir		
2.5	- 0.3	5.3	2.08	- 0.54	0.40	14	8	+ 2.7	3.1	+ 0.2	0	2	2	8	1	2	2	0	18	1	1	1	2	1	1	0	0	0	0	0	Gulmarg	
2.6	+ 0.1	4.7	0.40	- 0.29	0.19	27	1	- 0.3	6.4	+ 0.8	0	0	0	0	1	0	1	0	28	5	0	0	0	0	0	0	0	0	0	0	Dras	
4.9	+ 1.8	5.9	0.82	+ 0.55	0.66	26	1	+ 0.1	2.9	1.1	0	11	6	0	2	2	0	0	9	0	1	0	3	5	11	7	1	2	Leh			
2.2	- 0.9	4.2	0.08	- 0.32	0.05	23	0	- 0.9	5.4	+ 1.8	0	1	0	0	0	2	2	1	24	0	0	1	1	2	4	5	1	16	Skardu			
2.8	- 0.4	4.6	0.29	- 0.11	0.26	24	1	- 0.1	0.3	- 0.5	0	0	0	0	0	1	0	0	29	0	0	0	0	0	0	0	0	1	29	Gilgit		
3.1	4.4	0.04	0.04	0	0	23	0		5.2	2	4	3	0	0	1	4	0	16	0	0	12	10	1	2	1	4	0	0	0	0	0	Misgar
1.6	- 0.3	3.0	0.42	- 0.39	0.36	26	1	- 0.5	4.8	+ 3.3	10	3	1	0	0	2	1	8	5	2	22	3	2	0	1	0	0	0	0	0	0	N.-W. F. Province
1.5	+ 0.4	3.5	0.54	- 0.09	0.38	24	2	+ 1.0	3.9	4.4	7	3	0	0	3	0	9	0	1	9	15	4	1	0	0	0	0	0	0	0	0	Bannu
0.4	- 0.3	3.3	0.15	- 0.58	0.15	27	1	- 0.7	6.4	+ 1.1	1	1	0	0	0	1	0	0	27	0	1	23	3	0	1	2	0	0	0	0	0	Miranshah
0.8	- 0.2	1.1	0.22	- 0.41	0.22	23	1	+ 0.1	2.1	+ 0.7	2																					

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M)

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.		Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.		Relati humid %						
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22			
Sind																								
Jacobabad	186	996.2		998.7	99.4		104	22	79.6		74	28	81.6	95.2										
Sukkur	221	995.4	- 0.6	992.3	101.0	+ 0.6	105	22, 23	77.8	- 0.9	71	30	79.9	99.8	73.8	79.6	25.7	- 1.4	25.3	74	- 3			
Pad Idan	153	997.2		994.5	102.3		107	23	75.1		68	28	77.7	101.1	73.7	78.6	26.6		23.1	82				
Umarkot	55	1002.2		998.9	97.7		105	23	75.7		71	28	78.5	96.4	75.7	80.5	29.0		28.2	87				
Hyderabad	96	1000.5	- 1.0	998.5	98.9	+ 1.6	106	22, 23	78.0	+ 1.6	74	30	80.0	94.8	74.4	77.9	26.6	+ 1.3	24.9	76	+ 1			
Karachi (Manora)...	13	1004.5	- 1.1	1002.6	85.1	- 0.5	87	20	77.6	+ 0.9	76	6 days	78.4	82.8	75.6	77.3	28.9	+ 0.1	29.5	87	- 2			
Badin	31	1003.8	- 0.3	1001.5	95.1	+ 1.0	106	23	77.2	0	74	28, 29, 30	78.8	93.3	75.6	79.6	28.9	+ 1.6	28.3	86	+ 6			
Rajputana, West																								
Sri Gangenagar	580	983.6		981.3	94.5	- 5.5	104	2	75.6	+ 1.5	67	30	80.4	91.8	75.0	76.6	27.2	+ 4.4	24.5	77	+ 14			
Bikaner	734	978.3	- 1.8	975.5	97.5		104	3	76.8		69	29	79.4	94.8	75.8	81.8	28.9		31.1	84				
Phalodi	800	977.7		975.1	96.8		102	12	76.7		73	18, 25, 30	78.9	95.2	75.0	80.2	27.9		28.3	83				
Jodhpur	736	979.7	+ 0.1	976.2	90.3	- 3.9	98	21	74.7	- 0.1	70	30	77.6	90.4	72.8	75.7	25.3	+ 0.5	23.7	79	+ 3			
Barmer	638	982.7	- 0.8	979.5	95.8	+ 0.6	103	22	75.5	- 0.2	72	2	78.0	94.1	73.1	75.9	25.6	+ 0.5	22.4	78	+ 4			
Rajputana, East																								
Jaipur	1,431	956.4	- 1.6	953.7	89.0	- 4.1	96	2, 3	73.3	+ 0.5	66	30	76.5	85.7	72.6	75.0	25.6	+ 1.8	24.8	82	+ 9			
Ajmer	1,593	950.9	- 1.7	948.2	88.0	- 2.0	93	3	74.6	+ 0.1	70	29	77.0	85.4	71.6	73.5	24.0	+ 0.1	22.7	77	+ 7			
Kotah	843	975.9	- 1.3	973.0	88.6	- 3.7	92	4, 8, 27	76.2	- 0.2	71	30	78.8	86.0	74.5	76.7	27.4	+ 1.9	27.3	81	+ 9			
Brijnagar	1,063	968.6	- 1.2	966.0	86.8	- 2.6	90	4 days	74.5	+ 1.2	72	29, 28, 29	76.4	83.3	73.7	75.5	27.3	+ 0.2	28.8	91	+ 7			
Rajsamand	1,650	942.5		940.2	85.9		90	15	72.6		68	27	75.3	84.2	71.6	74.1	24.9		24.2	83				
Gujarat																								
Deesa (R)	466																							
Bhuj	343	994.4	- 0.7	991.8	90.9	- 0.9	97	22, 23	75.1	+ 0.4	72	29, 30	77.3	89.0	74.1	75.4	26.9	0	23.7	85	+ 6			
Dwarka	37	1005.5	- 0.9	1003.7	85.5	+ 0.3	87	9, 21, 22	78.2	+ 0.5	77	6 days	79.1	88.6	75.6	77.0	28.3	- 0.6	26.4	84	- 4			
Jamnagar	60	1004.8	- 0.4		87.6	- 1.8	89	6 days	74.9	+ 0.4	72	29, 30	79.7		76.3		29.1	+ 0.9		85	+ 3			
Rajkot	492	992.0	- 0.5	989.0	90.0	- 1.8	93	10, 15, 16	72.3	- 0.3	69	28, 29, 30	75.4	88.1	73.8	75.8	27.5	+ 0.8	24.6	92	+ 8			
Veraval	26	1006.2	- 1.0	1004.8	86.4		88	4 days	76.4		71	29, 30	78.8	83.4	76.9	79.4	30.3		32.1	92	+ 5			
Surat	39	1006.2	- 0.4	1003.7	87.3	- 1.4	91	23, 30	76.1	+ 0.2	74	6 days	78.1	85.4	76.5	79.5	30.1	+ 1.2	31.3	93	+ 9			
Bhavnagar	55	1005.1	- 0.6	1001.7	91.3	- 1.1	94	7 days	74.5	- 0.4	72	29, 30	77.2	88.7	74.2	76.9	27.2	+ 0.4	26.0	86	+ 8			
Ahmedabad	163	1001.2	- 0.8	997.6	90.3	- 2.3	95	21, 22	76.2	+ 0.2	71	25	77.7	88.0	74.9	77.6	27.8	+ 0.6	27.1	87	+ 6			
Dohad	1,093	969.2		967.1	85.0	- 1.1	89	21	72.4	- 0.5	71	6, 8, 23	74.3	83.0	73.1	75.8	26.9	0	26.9	90	- 1			
Baroda	115	1002.9			999.6	90.8	+ 0.2	94	21	75.6	+ 1.0	73	26, 30	77.9	87.8	75.9	78.3	29.3	+ 1.1	28.4	91	+ 7		
Central India, West																								
Neemuch	1,626	950.3	- 1.6	948.2					72.0	+ 0.8	68	29, 30	74.0	81.9	72.0	74.4	25.7	+ 1.1	25.6	91	+ 9			
Indore	1,843	944.2	- 1.4	941.6	83.5	- 1.9	88	1	70.8	+ 0.8	66	29	72.5	81.3	70.5	72.6	24.4	- 0.4	23.5	91	+ 4			
Bhopal	1,643	950.1	- 0.5	947.0	85.0	- 0.9	89	3, 30	72.1	0	69	30	74.6	82.0	71.8	74.2	25.1	0	25.2	87	+ 3			
Guna	1,571	952.0	- 0.5	949.5	85.5	- 1.6	89	7, 8, 27	72.8	+ 1.3	67	30	74.5	81.6	73.0	75.1	26.8	+ 0.4	26.7	91	+ 5			
Gwalior	681	980.8		978.1	88.2		92	7, 8	76.3		69	30	79.7	85.2	76.4	79.6	29.5		32.0	86				
Madhosagar	757	978.4		975.9	88.7		94	7	77.1		71	30	79.8	85.5	76.0	77.8	28.9		29.1	84				
Central India, East																								
Nowrang	750	978.9	- 1.1	975.9	88.9	- 1.4	93	8	75.1	+ 0.3	69	29	78.1	84.6	75.7	77.4	23.2	+ 1.0	28.9	89	+ 5			
Sutna	1,041	969.0	- 0.7	966.8	88.1	- 0.1	94	3	74.9	+ 0.1	71	29	78.1	83.2	75.8	77.1	29.3	+ 1.2	29.1	90	+ 7			
Umriya	1,506	953.1			950.7	86.3	- 0.1	92	25	73.6	+ 0.5	70	29	77.6	82.2	74.2	76.0	27.1	+ 0.3	27.8	85	+ 2		
Borar																								
Akola	925	974.5	- 1.1	970.6	87.6	- 1.8	92	19, 20	73.2	+ 0.1	71	5 days	75.6	85.3	72.6	76.8	26.0	+ 0.7	27.6	86	+ 5			
Amraoti	1,213	964.8	- 0.5	961.5	86.2	- 2.0	94	2	72.2	- 0.3	68	10	74.4	83.2	71.1	73.7	24.4	- 1.2	24.1	85	+ 2			
C. P., West																								
Khandwa	1,044	970.0	- 1.5	966.8	87.5	- 0.9	93	20	73.0	0	69	13, 29	75.7	84.6	72.5	74.7	25.9	+ 0.3	24.8	85	+ 1			
Hoshangabad	992	971.2	- 1.8	968.1	85.8	- 0.9	92	3	73.4	+ 0.1	69	30	75.6	83.1	73.1	76.0	26.7	- 0.4	27.5	88	0			
Saugar	1,808	943.8	- 1.1	941.2	83.9	- 2.4	90	2, 3	71.8	+ 0.4	68	30	74.4	80.3	71.9	73.7	25.4	+ 0.5	25.3	89	+ 6			
Jubbulpore	1,289	961.2	- 0.7	958.1	86.5	- 0.6	93	3	73.9	+ 1.6	71	28, 29	77.2	84.1	74.3	76.1	27.6	+ 1.3	25.0	87	+ 3			
Seoni	2,027	937.0	- 0.9	934.1	83.4	- 1.6	89	3	71.3	+ 0.9	67	30	74.5	80.0	71.7	73.2	25.0	+ 0						

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from												STATION.									
Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.						18 hrs. I. S. T.						STATION.									
24	25	26	27	28	29	30	31	32	33	34	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm				
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53			
0.6	1.0	0	0	0	0	0	0	0	7.8	-	0	2	12	11	4	0	0	1	0	0	1	2	24	3	0	0	0	0	Sind			
0.4	-0.1	0.4	0	-0.02	0	0	0	-	0.1	3.2	-	0.9	0	2	3	12	8	3	0	0	2	4	4	0	0	6	2	4	5	Jacobabad		
0.4	0.6	0	0	0	0	0	0	-	7.6	-	2	0	1	19	4	0	0	1	3	5	1	0	9	7	2	0	1	5	Kukur			
4.4	4.1	0	0	0	0	0	0	-	9.4	-	2	1	0	0	11	16	0	0	0	0	2	0	0	0	3	20	2	3	0	Pad Idan		
1.9	+0.3	1.6	0	-0.63	0	0	0	-	0.8	8.2	-	0.2	1	1	0	0	9	10	3	4	2	1	1	0	0	0	7	17	3	1	0	Umarkot
7.3	+2.1	4.1	0.14	-0.38	0.12	24	1	+0.5	9.1	-	0.9	1	0	0	0	0	5	18	6	0	0	0	0	0	0	0	15	15	0	0	0	Hyderabad
1.5	-2.1	1.7	0.02	-0.87	0.02	24	0	-0.9	8.4	-	1	0	0	0	1	21	7	0	0	0	1	0	0	0	0	0	16	10	3	0	0	Karachi (Manora)
1.5	+0.6	1.9	7.82	+7.70	3.91	30	6	+5.5	4.8	-	0.8	0	4	2	5	1	11	2	1	4	3	5	4	1	0	7	1	3	6	Badin		
1.2	-0.7	1.6	7.29	+6.03	6.52	25	3	+0.9	4.7	-	0.7	1	2	3	4	0	12	6	1	1	1	5	1	3	0	15	1	3	1	Rajputana, West		
3.0	3.7	0.12	-0.83	0.12	25	1	-0.7	10.3	-	0	3	0	0	9	15	2	1	0	1	3	0	1	4	11	0	6	1	Bikaner				
4.1	+0.1	4.3	1.12	-1.28	0.59	15	2	-0.8	5.1	+	2.2	0	2	2	0	0	6	19	1	0	1	1	2	0	1	13	9	2	1	Jodhpur		
2.3	-1.0	2.5	0.19	-0.54	0.17	25	2	+0.6	6.3	+	0.6	2	1	0	0	3	12	8	3	1	0	3	0	0	3	15	7	2	0	Barmer		
5.1	+1.6	5.9	7.78	+4.56	2.82	12	7	+2.3	4.8	+	0.8	7	2	3	1	0	2	4	9	2	3	3	2	2	0	0	11	9	0	0	Rajputana, East	
4.8	+1.3	4.6	2.77	+0.07	1.33	12	5	+1.0	6.7	+	2.6	0	0	1	1	0	10	13	1	4	0	3	3	0	0	7	12	3	2	Ajmer		
5.3	+1.5	6.3	5.23	+0.52	3.03	25	7	+1.3	3.9	+	1.3	1	0	2	3	1	7	13	3	0	2	1	1	3	2	4	9	3	5	Kotah		
6.2	+1.5	5.9	9.26	+3.03	2.58	25	12	+5.1	5.2	+	2.1	0	1	1	2	1	2	19	2	2	2	1	3	0	1	1	14	6	1	1	Brijnagar	
5.5	7.0	1.30	0.68	24	3				6.5	-	3	0	2	1	1	6	10	5	2	7	1	0	1	0	1	3	9	8	1	Rajsamand		
4.5	-0.3	4.6	1.71	-0.10	1.71	24	1	-1.2	7.8	+	0.2	0	0	0	0	7	13	6	0	4	0	0	0	0	1	12	16	1	0	Bhuj		
7.0	+1.7	5.0	0.30	-1.17	0.13	16	2	0	9.7	+	1.2	0	0	0	0	0	17	11	1	1	0	0	0	0	0	16	14	0	0	Dwarka		
6.4	+1.9	1.63	-0.60	0.76	17	4	+1.3	3.5	-	5.5	0	0	0	0	0	0	11	11	0	8	-	1	1	2	1	0	1	1	1	1	Jamnagar	
4.5	-0.9	6.1	9.14	+5.80	7.27	23	5	+0.1	9.9	+	2.9	0	0	0	0	5	14	10	1	0	1	0	0	0	0	0	8	16	5	0	Rajkot	
5.5	-0.1	4.2	1.85	-0.64	1.21	23	3	-0.9	12.7	-	0	0	0	0	2	6	14	7	0	0	0	0	0	0	0	4	21	5	0	Veraval		
8.3	+1.8	5.9	28.14	+22.34	15.87	23	9	+1.6	5.7	+	1.9	1	0	0	2	6	5	7	4	5	2	0	0	0	4	20	3	0	1	Surat		
6.6	+0.8	7.2	8.45	+4.59	5.10	23	4	-1.7	5.8	+	0.7	0	0	0	0	0	5	21	3	1	0	0	2	2	8	13	3	0	Bhavnagar			
5.8	+0.7	5.2	9.16	+5.00	3.60	24	6	+0.8	3.6	+	0.1	0	0	0	0	1	8	11	7	3	1	0	0	0	2	7	10	7	3	Ahmedabad		
7.3	+0.2	6.0	16.93	+11.80	10.45	24	8	+0.8	13.2	+	6.7	1	0	0	1	1	8	18	1	0	1	0	0	0	2	3	23	1	0	Dohad		
5.8	+0.3	4.9	22.65	+16.66	14.65	24	6	-0.7	3.5	+	0.1	2	0	0	0	4	12	5	4	1	1	1	0	1	1	9	12	3	0	Baroda		
6.6	+2.1	6.6	4.70	-0.27	0.95	8	7	+0.7	7.5	+	1.5	1	4	0	1	0	10	13	1	0	1	3	0	1	0	19	3	1	2	Central India, West		
8.7	+2.0	7.2	14.26	+7.80	3.96	22	9	+0.6	5.2	+	1.6	1	1	0	1	1	3	16	6	1	2	1	0	1	2	4	13	6	1	1	Indore	
7.4	+1.7	7.7	8.18	-2.24	2.65	10	13	+1.8	6.3	+	1.8	0	1	0	3	0	5	14	6	1	1	0	1	1	2	2	14	7	2	Bhopal		
5.8	+1.2	6.7	7.25	-2.16	1.84	10	9	+0.4	6.0	+	2.1	1	0	2	1	2	6	11	6	1	5	1	1	1	1	2	10	8	1	Guna		
5.7	5.5	12.84	6.26	11	8				2.8	-	1	0	3	2	4	4	9	3	4	5	0	1	2	1	2	2	7	10	Gwalior			
6.0	7.1	11.40	3.52	11	9				6.7	-	1	4	1	2	1	8	10	3	0	8	5	0	3	1	2	5	5	1	1	Madhosagar		
5.9	+0.9	6.0	13.39	+7.58	5.20	10	14	+6.8	3.1	+	1.3	0	4	1	0	5	12	2	2	4	10	1	2	2	1	6	2	5	1	1	Nowrang	
6.0	+0.9	8.2	8.61	+1.72	2.31	10	14	+5.1	3.1	-	0.2	0	2	2	2	3	6	13	1	1	1	2	2	1	1	3	7	6	7	Sutna		
7.5	+1.0	8.6	7.75	-1.38	2.46	9	11	+0.6	3.1	-	0.1	1	0	1	1	6	9	4	7	3	2	2	0	1	4	7	5	6	Umaria			
4.4	-1.6	4.6	19.90	+14.10	9.09	22	8	+0.4	7.8	+	2.9	0	0	0	0	3	0	10	16	1	1	0	0	0	1	1	11	15	1	1	Berar	
6.4	+0.3	7.3	11.79	+5.75	8.37	22	10	+1.7	7.6	+	3.3	0	1	0	0	3	14	8	4	0	2	2	0	2	0	8	1	15	0	Amraoti		
5.3	-0.2	6.9	4.71	-0.98	1.99	22	5	-2.1	6.6	+	1.6	0	0	0	0	3	1	16	7	3	3	0	0	1	3	7	15	1	1	C. P., West		
6.7	+0.5	6.1	7.41	-0.95	1.56	4	12	+2.5	3.5	+	1.4	2	1	0	1	6	3	12	3	2	2	1	0	1	3	4	13	5	1	Hoshangabad		
7.5	+2.2	8.2	9.16	+1.56	2.03	9	13	+3.4	12.2	-	0.8	1	1	1	3	1	14	8	1	0	1	1	1	2	1	5	13	6	0	Saugar		
8.3	+2.7	8.5	6.38	-2.03	1.57	6	12	+2.3	4.6	+	2.4	1	1	0	2	2	7	7	4	6	3	2	2	1	3	8	3	6	Jubbulpore			
6.3	+0.9	7.4	7.57	-1.02	2.03	9	10	-0.9	4.7	+	1.7	7																				

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.)

STATION.	Height of bar. cistern above mean sea level in feet.		Pressure reduced to 32°F and standard gravity millibars.				Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.				Relative humidity %	
			Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.		
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22			
Konkan																								
Dahanu (R)	15																							
Bombay	37	1007.3	- 0.1	1005.1	86.0	+ 0.5	88.5	16, 21	76.2	+ 0.5	73	4	78.9	82.4	76.0	77.5	29.0	- 0.4	29.6	87	+ 1			
Alibag	23	1008.8	+ 0.7		84.4	- 0.2	87	28, 29	76.2	+ 0.2	74	19	78.7		76.3		29.5	+ 0.3	89	+ 3				
Harnai	66	1005.9		1004.1	84.9		89	21, 27	74.6		73	5 days	78.6	82.3	75.6	77.5	28.6		29.7	87				
Ratnagiri	211	1002.2	+ 0.2	1000.1	83.7	- 0.2	85	11 days	74.5	- 0.2	73	4 days	77.3	81.1	75.1	77.0	28.3	- 0.1	29.5	90	+ 5			
Dovgad		1005.5		1003.1	83.4		86	1	74.6		70	23	77.4	80.8	75.3	77.1	28.7		29.7	90				
Marmagao	202	1003.4	+ 0.7	1000.6	82.2	- 0.5	86	21	74.1	- 0.6	72	17	78.6	79.7	75.9	76.3	29.0	0	29.1	88	- 2			
Honavar	85	1007.8		1005.0	84.8		87	15, 16	73.9		73	15 days	76.9	81.8	75.6	77.8	29.3		30.4	94				
Bombay Deccan																								
Jalgaon	660	983.8		980.9	88.1		92	15, 21	72.8		69	29	75.5	86.3	72.5	75.5	25.6		24.9	87				
Malegaon	1,432	958.6	- 0.7	955.6	87.4	- 1.3	92	4 days	69.4	- 0.8	64	29	74.5	83.4	70.5	73.2	23.3	- 0.5	23.0	81	+ 2			
Ahmednagar	2,154	935.4	- 0.4	932.1	86.1	0	90	16, 30	67.7	- 0.2	64	17, 30	71.7	82.7	68.8	71.6	22.2	- 0.2	21.5	85	+ 4			
Poona	1,834	946.4	+ 0.2	943.8	83.4	- 1.2	89	27, 28, 29	69.3	+ 0.4	66	30	72.1	79.0	69.0	70.8	23.3	+ 0.3	22.1	85	+ 1			
Sholapur	1,570	955.1	0	951.0	89.1	+ 0.4	94	26, 29	70.0	- 1.0	67	11, 13	73.3	86.6	69.4	71.7	22.6	- 0.5	20.0	82	+ 2			
Miraj	1,817	947.2	- 0.4	944.2	84.5	+ 0.2	90	27, 30	68.6	+ 0.7	62	20	70.9	79.4	69.2	71.2	23.4	- 0.2	22.3	91	+ 5			
Bijapur	1,950	942.6	- 0.3	939.6	86.9	- 0.5	91	26	69.0	- 0.9	66	24	72.0	83.2	68.8	71.2	22.7	- 0.1	20.7	84	+ 3			
Belgaum	2,562	928.6	- 0.2	921.2	77.7	- 1.7	83	29, 30	66.1	+ 0.4	64	30	68.7	73.4	67.8	69.8	22.5	+ 0.2	23.0	95	+ 3			
Gadag	2,131	937.6	+ 0.3	934.6	84.7	- 0.6	89	30	69.1	+ 0.3	67	17	71.4	80.6	68.7	70.7	22.6	+ 0.2	21.2	87	+ 2			
Hyderabad, North																								
Aurangabad	1,905	943.5	- 0.6	940.1	85.4	- 0.8	90	20, 21	69.0	- 0.2	66	22	71.6	82.5	69.4	72.3	23.3	+ 0.4	22.4	89	+ 8			
Parbhani	1,350	960.0		956.3	88.1		93	19	70.6		68	23, 29, 30	74.2	85.4	70.7	73.4	23.8		22.6	83				
Bidar	2,178	933.7		930.5	88.0	- 1.3	87	26, 27	69.2	+ 0.4	66	23	71.0	80.2	68.4	71.8	22.8	- 1.4	22.8	89	+ 3			
Nizamabad	1,250	964.1	- 0.6	960.7	85.1	- 2.6	90	26	72.8	- 0.1	68	21	75.3	83.7	71.8	74.9	24.7	- 0.9	25.2	84	+ 1			
Peddapalli	755	979.4			89.8		95	15, 27	75.1		72	22	81.1		76.9		29.3							
Hyderabad, South																								
Gulbarga (R)	1,503																							
Raichur	1,811	963.7	- 0.2	959.7	88.5	- 0.8	94	26	72.1	- 0.5	69	24	74.4	86.8	70.9	73.1	24.0	- 0.2	21.3	82	+ 3			
Hyderabad(Begumpet)	1,778	947.0	- 0.4	943.7	84.4	- 1.8	90	24, 25, 26	72.0	+ 0.6	68	11	74.4	82.0	71.4	74.2	24.7	- 0.3	25.2	86	+ 3			
Hanamkonda	881	976.1	- 1.0	972.9	86.6	- 1.6	92	26	75.1	+ 0.6	71	8	78.1	84.4	73.6	75.4	25.9	- 1.1	25.6	80	0			
Khammameth	367	993.8		990.4	90.1		96	27	76.6		72	28	80.2	87.0	75.4	77.1	27.6		27.8	79				
Mysore																								
Ooty	2,405	926.7	+ 0.2	925.4	84.5	+ 0.2	88	6, 27	68.7	+ 0.7	67	4 days	70.9	81.3	67.9	69.9	21.8	0	19.8	86	+ 5			
Hassan	3,149	905.3		902.8	80.0	- 1.0	86	16	64.2	0	62	14, 17	67.7	74.3	65.5	68.3	20.4	- 0.5	20.3	89	+ 4			
Bangalore	3,021	909.3	+ 0.3	905.9	81.5	- 0.6	86	26	66.1	+ 0.8	64	11, 12, 18	68.2	78.8	66.2	68.1	20.9	- 0.2	18.8	90	+ 3			
Mysore	2,518	925.9	+ 0.3	922.7	88.1	- 1.1	87	14, 15	66.9	- 0.3	64	4 days	68.6	79.9	66.8	69.9	21.4	- 0.2	20.5	91	+ 1			
Malabar																								
Mangalore	72	1008.2	+ 0.1	1005.9	84.1	- 0.2	87	19	74.3	0	72	19	76.0	81.7	75.2	77.8	29.1	+ 0.4	30.4	97	+ 1			
Calicut	27	1010.1	+ 0.4	1007.4	86.8	+ 1.9	90	17	74.7	+ 0.1	71	18	77.4	83.5	75.6	78.7	29.0	+ 0.4	30.9	91				
Palghat	319	999.9		996.6	86.0		88	16, 25, 28	73.7		70	19	76.0	82.5	74.2	75.3	27.7		26.4	91				
Cochin	10	1011.0	+ 0.2	1008.2	83.3	+ 0.3	85	6 days	75.3	- 0.1	78	22, 27	78.8	81.4	75.8	76.9	28.7	+ 0.3	29.2	87				
Aleppy	12	1011.8		1008.3	85.4		87	7 days	74.6		73	3, 22	78.8	83.0	77.1	77.9	30.8		30.0	92				
Trivandrum	200	1003.8	0	1000.9	87.2		90	24	74.1		78	4 days	77.1	83.1	74.5	75.7	27.7	+ 0.2	26.6	88	+ 1			
Madras, Southeast																								
Pamban	37	1007.9	0	1004.8	90.4	+ 1.2	91	14 days	78.4	- 0.3	76	5	83.8	84.2	79.0	79.4	31.3	+ 1.3	31.	80				
Madura	437	994.1	+ 0.6	989.9	96.1	+ 2.3	99	18, 23	77.1	+ 1.2	73	7	82.2	92.8	72.9	74.8	23.0	- 2.1	20.9	62	-			
Negapatam	31	1007.9	0	1004.3	93.5	+ 0.8	96	17, 22, 24	78.3	+ 0.9	71	30	81.6	88.2	75.4	79.0	27.0	- 0.7	29.4	74	-			
Trichinopoly *	295	999.1	+ 0.1	994.8	96.4	+ 1.1	99	4 days	77.6	+ 1.4	74	30	81.1	94.0	73.5	75.8	24.5	- 0.9	21.9	69	-			
Coimbatore	1,341	964.3	+ 0.3	960.6	88.9	+ 0.2	91	12, 24	71.6	+ 0.7	70	4 days	75.1	83.4	71.1	72.6	24.0	- 1.0	22.4	81	-			
Salem	913	978.9	0	973.6	92.0	+ 0.2	97	26	74.2	+ 1.2	70	30	76.5	90.0	72.6	74.7	25.3	- 0.6	22.1	82	+			
Cuddalore	39	1007.4	+ 0.1	1003.5	95.0	+ 2.5	98	5 days	78.0	+ 1.2	73	28, 29	80.7	90.3	76.3	81.9	28.6	+ 0.2	32.9	81	+			
Vellore	703	984.3	+ 0.1	980.1	91.8	- 0.4	99	24	75.8	+ 0.5	70	27	78.9	90.0	73.4	77.6	25							

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0'10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.		
Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
7.3	+ 0.2	6.7	6.16	- 4.28	1.74	23	15	- 2.3	6.1	- 0.9	1	3	1	3	3	3	8	6	2	5	0	0	0	0	3	9	13	0	
7.5	+ 0.2	6.80	- 3.67	0.83	20	17	+ 2.5	8.9	+ 0.1	0	1	5	12	1	4	4	0	3											Konkan Dahanu (R)
7.0	7.5	7.09		0.96	7	18		8.9		2	5	6	2	2	5	6	2	0	1	0	0	1	1	8	16	3	0		
7.0	+ 0.9	6.3	12.28	+ 0.46	1.32	8	24	+ 9.0	6.3	+ 1.0	2	3	3	5	0	5	6	6	0	0	0	0	0	0	12	11	7	0	
8.4	7.3	13.06		2.47	2	22				2	1	8	2	2	4	9	2	0	0	0	0	1	0	4	20	5	0		
6.3	- 0.8	7.2	10.10	+ 2.44	1.02	12	20	+ 5.8	7.6	+ 2.2	4	1	2	4	7	2	7	3	0	1	1	0	0	0	0	3	19	6	0
7.9	7.4	16.05	+ 2.48	3.22	26	25	+ 8.4	2.6		1	0	12	3	0	1	3	0	10	0	0	0	0	1	3	13	9	4		
6.0	5.6	7.94	+ 1.93	4.82	22	5	- 2.7			0	0	0	0	0	1	2	27	0	0	0	0	0	0	0	0	30	0	0	
5.1	- 0.3	7.0	7.95	+ 2.16	4.55	22	7	+ 0.7	6.8	+ 0.9	0	0	0	0	1	9	16	2	2	4	1	0	0	0	6	13	6	0	
4.9	+ 0.6	7.3	3.27	- 3.27	1.51	22	5	- 3.6	5.8	- 0.4	0	0	0	1	0	5	0	23	1	0	1	0	0	0	8	0	21	0	
5.6	- 1.1	6.8	1.64	- 3.65	0.64	7	4	- 3.6	3.6	- 3.1	0	0	0	0	0	7	15	1	7	0	0	0	0	0	3	24	3	0	
7.3	+ 1.1	8.1	2.09	- 5.50	0.93	2	6	- 3.1	7.1	+ 0.7	1	0	0	0	0	9	12	8	0	5	0	0	0	0	9	12	4	0	
7.9	- 0.9	7.5	2.53	- 1.35	1.05	27	4	- 1.7	8.7	+ 1.2	0	0	0	0	0	7	14	4	5	0	0	0	0	0	4	18	8	0	
6.2	+ 0.2	7.0	5.10	- 0.44	1.88	27	7	- 1.0	6.0		0	0	1	0	0	0	1	25	3	0	0	2	0	0	0	16	0	12	0
7.1	- 0.3	7.5	2.51	- 2.29	0.25	27	12	+ 2.9	5.0	+ 1.2	1	0	0	0	0	16	13	0	0	2	0	0	0	0	15	13	0	0	
8.0	+ 1.3	8.4	3.71	- 0.97	1.38	1	8	+ 1.6	9.7	+ 1.5	0	0	0	0	0	10	15	5	0	0	1	0	0	0	10	14	5	0	
5.8	- 0.8	5.9	7.86	+ 1.17	3.80	22	7	- 2.0	10.0	+ 3.1	0	0	0	0	2	1	21	6	0	5	0	0	0	0	5	8	12	0	
6.6	7.5	7.58	- 0.47	4.44	2	6	- 3.6			0	0	0	0	0	5	22	3	0	6	0	0	0	0	5	15	4	0		
6.3	+ 0.3	6.9	6.77	- 1.77	1.86	2	10	- 1.0	9.6	+ 1.9	0	0	0	0	0	5	16	9	0	2	1	1	0	0	4	16	6	0	
6.1	+ 0.3	6.6	7.05	- 1.86	1.32	22	10	0	4.5	+ 1.4	1	0	0	0	1	14	6	1	7	5	3	0	0	0	6	8	3	5	
6.5		4.75			1.50	2	5		2.4		7	0	0	0	0	6	2	15	0										
7.1	+ 2.0	8.2	7.81	+ 1.58	4.98	2	5	- 4.4	10.1	+ 2.7	0	0	0	0	0	10	16	4	0	0	0	1	0	0	4	12	13		
6.9	+ 0.3	7.8	3.90	- 2.55	1.69	2	6	- 3.5	9.4	+ 3.3	2	0	0	0	0	0	13	14	1	4	1	0	0	1	1	11	11	1	
6.7	+ 0.4	7.8	5.86	- 1.98	2.97	1	8	- 1.1	6.5	+ 2.2	1	0	0	0	2	1	9	16	1	6	1	0	2	0	2	6	13	0	
7.2	8.4	6.42			2.42	2	8			1	0	0	0	4	4	14	4	3	11	0	1	0	1	3	8	4	2		
8.5	+ 0.7	7.9	1.75	- 2.62	0.43	29	6	- 1.1	3.2	+ 2.3	0	0	0	0	0	13	15	2	0	1	0	0	0	0	5	18	6	0	
7.3	+ 0.1	7.2	2.68		1.44	29	4		8.5	+ 3.3	0	0	0	0	0	4	21	0	1	0	0	0	0	0	11	15	0	0	
9.5	+ 1.3	8.6	4.05	- 2.61	0.94	28	7	- 1.9	8.7	+ 2.9	0	0	0	0	0	4	24	2	0	0	1	0	0	0	1	24	4	0	
7.4	+ 0.2	8.0	2.08	- 2.87	0.44	28	7	- 1.2	7.7	+ 1.7	0	0	0	0	0	15	13	0	2	0	1	0	0	0	5	21	2	1	
8.2	+ 0.9	7.9	9.09	- 1.39	0.83	18	25	+ 9.5	3.5	+ 0.6	1	3	15	1	1	2	0	0	7	5	0	0	0	1	6	4	14	0	
7.0	+ 0.2	7.3	4.29	- 3.65	0.66	22	13	+ 1.3	4.8	+ 0.4	11	10	3	2	0	0	1	2	1	0	0	0	0	0	1	13	16	0	
8.5	8.2	3.55			1.02	7	8		6.5		0	0	0	0	0	13	15	1	1	0	0	0	0	0	14	15	1		
7.4	+ 1.0	7.2	3.61	- 4.06	0.99	27	9	- 4.7	4.9	+ 0.5	1	9	9	1	0	0	0	0	10	1	0	0	0	0	0	0	18	11	0
8.6	7.4	3.99			0.58	20	13		4.2		4	13	5	1	0	0	0	2	5	5	0	0	0	0	0	4	21	0	
5.0	- 1.8	6.7	0.42	- 4.09	0.14	22	1	- 7.1	6.2	+ 0.4	19	1	0	0	0	0	0	10	0	0	0	0	0	0	0	4	26	0	
4.4	+ 0.8	4.8	0.40	- 0.71	0.40	30	1	- 0.9	10.1	+ 2.3	1	0	0	2	12	11	3	1	0	0	0	0	11	15	3	1	0	0	
6.6	+ 0.6	8.2	2.06	- 2.64	0.59	14	7	+ 0.5	3.7	+ 0.5	4	0	0	0	0	0	8	12	6	2	0	1	1	3	7	2	13		
6.9	+ 1.6	7.3	2.86	- 0.44	2.42	30	3	- 2.1	5.5	+ 0.7	0	0	0	0	0	10	17	3	0	0	0	2	10	8	7	2	1		
7.0	+ 1.7	8.3	2.01	- 2.71	0.92	29	4	- 2.0	5.9	+ 1.3	0	0	0	0	0	1	18	10	1	0	1	0	1	1	4	8	13	2	
6.5	+ 1.6	7.7	0.81	- 0.78	0.71	30	1	- 2.3	4.3	- 0.4	0	0	0	0	8	9	1	0	12	0	0	0	0	11	14	3	0	2	
6.1	+ 0.2	7.5	3.60	- 2.47	0.95	30	11	+ 2.5	4.6	+ 1.5	0	0	0	0	3	16	11	0	0	3	1	0	0	4	2	9	1	10	
7.6	+ 1.9	8.1	1.94	- 3.27	1.12	28	3	- 3.2	6.5	+ 2.6	0	0	0	0	0	21	4	2	3	0	0	3	14	1	4	5	3	0	
7.7	+ 2.7	9.0	5.01	- 1.87	1.44	27	9	+ 0.9			1	0	0	0	0	5	10	2	14	1	0	3	0	1	1	5	0	19	
7.8	+ 1.6	8.5	7.00	+ 2.92	2.21	7	9	+ 2.0	9.2	- 0.8	0	0	0	0	1	14	12	3	0	1	1	3	9	3	4	5	4	0	
7.5	+ 0.6	7.6	7.17	+ 1.14	1.90	7	10	+ 1.7	4.0	- 0.8	0	0	0	0	0	15	1	14	0	0	0	0	0	0	24	0	6		
7.5	+ 1.2	7.5	2.88	- 1.99	0.95	29	5	- 2.1	7.																				

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M.)

STATION.	Height of bar. oītern sea above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.			Maximum temperature °F.			Minimum temperature °F.			Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %				
		Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.	Mean 18 hrs. I. S. T.	Mean 9 hrs. I. S. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Madras Coast, North																					
Nellore	... 66	1005.2	-0.2	1001.3	94.8	+ 0.1	101	23, 27	79.2	+ 1.0	71	28	83.4	91.3	75.5	78.0	26.2	-1.4	26.2	69	- 4
Ongole (I)	...																				
Masulipatam	... 10	1006.1	-0.7	1002.6	88.9	- 1.6	94	14, 27	77.9	+ 0.3	74	10, 15	80.3	86.4	77.4	78.5	30.4	-0.4	29.3	87	+ 3
Cocanada	... 26	1004.6	-1.1	1001.5	88.5	- 1.3	94	12	77.5	- 0.6	74	4 days	80.9	85.9	77.9	79.4	30.9	+0.2	31.0	87	+ 4
Vizagapatam	... 126	1000.4	-1.4	997.5	87.5	- 0.9	95	12	78.2	- 0.2	74	20	81.5	84.3	77.4	78.7	29.9	-0.1	30.6	82	+ 2
Calingapatam	... 19	1003.5	-1.7	1000.7	88.7	- 1.1	94	26	78.4	0	76	5 days	81.8	84.0	77.9	79.6	30.7	-1.1	32.1	86	0
Hill Stations, excluding Kashmir and Baluchistan																					
Shillong	... 4,921	848.8	+0.1	845.7	75.0	+ 0.7	79	4, 20, 21	62.4	+ 0.8	60	21, 22, 23	70.0	69.4	66.0	67.2	20.3	+0.9	22.0	81	- 1
Cherrapunji	... 4,309	867.5	0	864.7	74.2	+ 0.9	78	20, 27, 28	65.3	+ 0.7	63	22	69.3	69.7	67.3	67.6	22.0	+1.0	22.3	91	+ 4
Ajial	... 3,599	888.6		886.7	78.5		81	21, 26, 27	67.6		65	27	70.8	73.1	69.5	71.1	24.0		25.2	95	
Darjiling	... 7,432	775.6	-0.7	772.2	66.6	+ 2.0	70	7	56.9	+ 0.9	54	17	61.1	61.2	60.4	61.0	17.6	+1.2	18.1	96	+ 3
Kalimpong	... 3,965	876.4	-1.3	875.9	76.6	+ 1.9	79	20, 27	66.1	+ 0.8	64	21	69.8	71.1	68.4	69.7	23.1	+0.6	24.2	94	+ 2
Katmandu	... 4,398	864.9		862.5	82.6	0	87	4 days	66.3	+ 0.6	64	7, 26, 27	69.4	77.1	67.6	73.6	22.3	+1.1	26.9	91	+ 9
Muktesar	... 7,592	774.6	-1.2	769.0	66.3	- 1.4	72	5, 7	56.3	+ 1.2	52	26, 27	59.4	62.0	57.5	59.9	15.2	+0.9	16.7	94	+ 10
Mussooree	... 6,940	795.2		793.8	67.8	+ 0.3	77	7	57.6	+ 0.8	48	26	62.3	63.2	59.7	62.2	16.4	+0.3	18.6	87	- 4
Simla	... 7,224	780.3	-0.6	779.2	66.2	- 2.2	71	30	57.6	+ 1.3	53	26	60.3	63.1	57.8	59.8	15.0	+1.7	16.2	84	+ 10
Murree	... 7,113	783.4	-0.9	782.8	70.8	- 1.5	75	3	56.0	+ 1.2	47	27	59.9	67.8	56.5	62.2	14.3	+1.5	16.9	81	+ 12
Wana	... 4,456	856.0		855.3	89.1	- 0.5	95	3, 4	64.6	+ 3.4	53	28	67.3	85.0	60.9	66.6	15.5	+3.2	14.8	69	+ 13
Cherat	... 4,272	860.0	-1.1	864.5	85.1	+ 1.1	93	3	67.9	+ 1.8	55	27	70.4	82.2	64.3	67.8	17.9	+2.5	17.3	73	+ 8
Parachinar	... 5,673	824.3	-0.7	822.8	83.5	+ 2.3	89	3	61.2	+ 2.6	50	29	65.5	78.7	58.3	62.1	13.9	+1.6	12.9	66	+ 8
Drosh	... 4,723	852.5	-3.3	848.6	89.6	+ 1.6	97	12	62.4	- 2.0	52	29	68.9	84.5	60.9	63.8	14.9	+2.3	11.9	62	+ 2
Abu	... 3,945	876.3	-1.4	875.0	73.7	- 1.5	78	21	64.2	- 0.6	61	30	65.8	72.0	64.5	64.2	20.3	+1.7	16.9	94	+ 11
Pachmarhi	... 3,528	890.0	-0.9	888.7	75.8	- 1.7	82	3	66.9	+ 0.8	64	30	68.7	73.7	67.2	69.8	21.9	-0.5	23.0	92	+ 6
Mahabaleshwar	... 4,584	861.0	-0.3	859.5	66.6	- 1.2	76	30	60.1	- 0.7	57	30	62.0	64.1	61.9	63.7	18.7	-0.4	19.7	100	0
Mercara	... 3,781	885.2	+0.3	883.4	70.4	- 1.4	75	6, 16	62.9	+ 1.1	61	14	64.2	67.6	63.9	66.3	19.9	+0.5	21.3	98	+ 3
Ootacamund	... 7,364	779.6	+0.4	777.8	64.0	- 0.6	69	25, 27	49.8	- 1.2	48	24	53.8	59.5	52.2	55.9	12.7	-0.4	13.9	90	+ 4
Coonoor	... 5,730	826.4			71.4	+ 0.3	75	19	56.9	+ 0.6	51	24	63.3	58.0	14.4	+0.1	74	+ 5			
Kodaikanal	... 7,688	771.1	+0.9	769.5	64.0	+ 1.3	67	28	52.4	+ 0.4	51	6 days	55.8	58.8	51.6	56.1	11.5	-1.0	14.3	77	- 2
Ceylon																					
Colombo	... 24	1010.8	+0.5	1007.7	86.4	+ 0.4	87	15 days	77.0	+ 0.4	74	5, 22	80.3	83.3	76.1	76.8	28.6	-0.2	28.2	82	- 4
Trincomalee	... 24	1008.2	+0.4	1004.9	94.9	+ 2.9	97	18	78.0	+ 1.3	74	2	80.7	88.9	74.6	77.6	26.2	-1.0	26.7	73	- 8
Hambantota	... 61	1007.8	-0.3	1004.4	84.7	- 1.9	90	1	76.3	+ 0.8	75	4 days	78.0	81.4	75.7	77.1	28.9	+0.6	29.4	90	+ 2
Nuwara Eliya	... 6,170	814.5	+0.1	812.4	66.3	- 1.1	70	10, 27	53.3	+ 0.4	46	13	59.0	61.0	55.8	57.8	14.0	-0.7	15.1	83	- 5
Afghanistan																					
Jalalabad	... 1,950	937.9		934.2	95.7		103	3	71.2		61	28, 29	75.4	93.8	72.4	88.3	25.7		42.8	87	
Kabul	... 5,955	818.4		815.4	87.4	+2.9	92	1, 3	51.7	+ 0.3	44	28	58.9	83.4	46.4	59.0	6.3	-1.2	7.2	39	- 4
Kandahar	... 3,462	894.0		891.4	94.1		100	4 days	50.5		39	28	57.8	92.8	50.2	64.2	9.3		9.0	57	

(B)—Register not received.

Cloud amount (tenths of sky).		Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION			
Mean 9 hrs. I.S.T.	Departure from normal.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.								18 hrs. I. S. T.											
Mean 18 hrs. I. S. T.										N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm		
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
7.6	+0.8	8.7	4.91	+0.45	2.11	28	6	+0.1	5.5	+1.2	2	0	0	0	2	8	10	7	1	4	0	2	1	1	2	9	10	1	Madras Coast, North Nellore
7.0	+0.3	7.5	7.51	+1.14	2.23	1	9	-0.9	6.4	+1.9	2	0	0	1	1	7	13	6	0	4	0	0	1	1	1	13	10	0	Ongole (R)
7.5	+0.8	7.8	5.20	-0.96	2.15	20	7	-1.8	6.4	+2.2	0	1	0	0	0	25	2	0	2	0	0	1	0	1	26	2	0	Masulipatam	
8.1	+0.9	8.6	10.51	+3.96	2.60	20	13	+3.9	2.8	-0.6	0	0	1	0	0	2	8	0	19	0	0	1	1	6	7	3	1	Vizagapatam	
7.7	+2.1	7.9	10.46	+3.53	2.00	13	14	+4.9	7.4	+2.9	1	0	0	1	1	4	13	10	0	0	0	1	5	8	7	6	3	0	Calingapatam
8.4	+1.4	9.1	14.52	+2.73	1.76	22	20	+2.7	1.6	+0.1	0	0	3	4	1	2	0	0	20	0	0	1	1	0	1	0	0	27	Hill Stations, ex- cluding Kashmir and Baluchistan
8.1	+0.5	7.5	25.49	-17.86	5.66	5	21	+1.8	3.9	0	1	6	9	2	2	2	2	0	5	1	8	0	3	0	6	4	0	8	Shillong
8.1	9.4	16.18			2.10	27	22		3.8		0	1	16	2	2	4	1	1	3	1	1	3	1	1	9	4	7	3	Cherrapunji
9.2	+1.2	9.6	16.07		4.25	18	22		5.4	+2.2	1	1	12	5	1	1	3	0	5	0	0	4	3	9	0	11	0	Aijal	
7.0	+0.1	6.3	13.91	+2.59	3.02	1	17	+4.3	5.6	0	0	0	0	1	0	0	0	24	5	0	0	0	30	0	0	0	0	Darjiling	
8.0	+0.5	6.8	7.24	+0.08	1.09	2	17	+3.7	0.9	+0.1	0	0	0	0	0	0	1	0	29	5	0	2	1	0	0	1	3	18	Kalimpong
6.9	+1.5	7.9	19.13	+11.20	6.80	26	15	+4.9	6.9	+1.9	1	8	11	2	1	2	3	1	1	0	2	7	2	1	4	9	2	3	Muktesar
7.3	+1.3	8.7	21.92	+11.97	4.21	2	24	+11.2	2.5	-1.3	6	3	1	3	5	4	0	1	6	1	3	1	1	8	5	0	0	11	Mussooree
7.1	+2.6	7.9	10.58	+3.90	2.33	26	13	+3.7	2.0	-0.5	6	6	2	5	3	1	0	2	2	5	3	1	3	5	3	1	5	4	Simla
4.1	+1.3	6.8	6.12	+0.70	2.76	22	8	+0.8	6.2	+2.4	1	3	5	1	12	8				2	2	1	1	14	8	2		Murree	
1.1	+0.1	2.5	0.25	-0.24	0.24	10	1	-0.4	4.1		1	4	2	4	2	3	1	13		4	13	12		1		6		Wana	
1.7	-0.2	3.2	0.71	-1.36	0.36	26	3	+0.1	8.0	+3.3	6	1	5	1	1	1	1	16	1		14	9				6		Cherat	
3.2	+1.4	4.9	1.93	-0.18	0.78	9	4	-1.0	4.4	+2.0	19	3	1		1	1	5		1	6	17	5		1				Parachinar	
3.5	+2.0	3.8	1.33	+0.64	0.45	8	5	+3.1	5.4	+1.7	1	4	4	1	5		1	14		1	1	20	3	4			Drosh		
7.2	+1.7	6.6	3.69	-5.68	0.80	25	9	+2.4	6.4	+1.0	3	1	1	0	6	7	10	2	0	6	0	0	0	5	12	6	1	0	Abu
9.1	+2.6	8.3	15.49	+1.30	2.97	22	16	+2.9	4.4	0	4	1	0	2	2	2	7	11	1	2	2	0	1	2	3	10	10	0	Pachmarhi
			24.30	-4.44	2.86	6	26	+3.4	7.7	-0.1	3	4	0	0	0	16	2	5	0	1	0	0	0	0	13	3	13	0	Mahabaleshwar
7.6	-0.4	7.8	11.97	+0.89	1.14	7	23	+4.8	8.5	+3.3	0	0	0	0	0	0	15	15	0	0	0	0	0	0	0	15	15	0	Mercara
6.4	-0.7	8.0	2.52	-3.31	1.60	6	4	-8.0	2.9	-0.6	0	0	0	0	0	0	9	6	15	1	0	0	0	0	0	8	7	14	Ootacamund
7.6	+1.3		1.64	-1.92	0.43	7	5	-2.0	4.2	+0.7	3	1	0	4	1	2	2	4	13										Coonoor
6.6	+1.0	9.4	1.66	-5.62	0.40	30	5	-6.9	6.4	-0.9	1	0	0	1	0	1	17	5	5	0	2	0	6	2	0	4	8	8	Kodaikanal
6.6	-0.7	6.5	2.06	-3.61	0.60	10	5	-3.8			0	0	1	4	0	13	8	0	4	0	0	0	0	16	13	1	0	Ceylon	
5.7	+1.2	6.9	1.22	-2.67	0.97	24	2	-3.4			0	0	0	0	2	10	7	0	0	1	2	1	1	0	5	6	2	0	Trincomalee
5.7	+1.0	6.2	0.61	-2.05	0.28	22	2	-2.8			0	0	0	0	0	1	29	0	0	0	0	0	0	0	1	29	0	0	Hambantota
8.1	+1.0	8.6	2.47	-4.27	0.94	29	6	-6.2																					Nuwara Eliya
3.0	2.5	0.00	0.00	0.00	0.00	0		3.5			1			1	4	4	13		23									1	Afghanistan
0.7	+0.2	1.6	0	-0.04	0	0	-0.2	2.7	+0.9	2	2		1	3	8	9	5	6	9	3	2	3	2	1	1	4	Kabul		
0.3	0.5	0	0	0	0	0		2.0		0	7	0	2	0	0	0	1	20	0	0	0	0	0	29	1	0	Kandahar		

(R)—Register not received.

b—Mean of 29 days.

TABLE III—ABSTRACT OF OBSERVATIONS RECORDED

STATION.	Height of bar. cistern above mean sea level in feet.		Pressure reduced to 32° F and standard gravity, millibars.		Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %		
	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 4 hrs. G. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Iran																					
Charbar (J)	...																				
Jask	...	25	1004.4		1001.6	91.2	- 2.4	97	4	81.2	+ 0.4	76	30	83.1	89.9	79.2	82.1	32.3	+ 2.2	33.8	83 + 10
Bandar Abbas	...	13	1003.6		1000.5	97.7		105	2	83.7		73	30	89.8	95.2	84.2	86.4	37.6		39.1	79
Bushire	...	29				93.3	- 0.3	98	5, 9	77.0	- 2.8	69	29	84.0	92.1	77.2	81.6	28.7	0	22.0	73 + 3
Ispahan (R)	...	14																			
Meshed	...	5,817	899.0		896.0	87.7	+ 3.8	100	9	50.1	+ 0.1	36	26, 29	67.3	79.6	56.3	63.0	11.0	+ 1.5	13.0	49 0
Seistan (I)	...	3,104																			
Arabia																					
Bahrain	...	12	1003.3		1001.3	95.7	- 0.8	103	6, 7, 8	82.1	+ 0.7	74	24	87.1	93.7	81.0	82.3	33.4	+ 1.0	32.4	76 + 2
Muscat (R)	...	15																			
Sharjah	...	18	1003.6		1001.3	99.8	+ 1.9	105	4 days	78.1	+ 1.2	72	6, 27	85.4	95.9	79.2	84.4	31.3	+ 3.2	35.1	72 + 1

(R)—Register not received.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 4TH CLASS STATIONS—SEPTEMBER 1

STATION.	Maximum temperature °F.				Minimum temperature °F.				Mean dry bulb tem- perature 9 hrs. I. S. T. °F.				Mean wet bulb tem- perature 9 hrs. I. S. T. °F.				Vapour pressure, millibars.		Relative Humidity %		Rainfall, inches.			Number of rainy days (0-10 or more).		Wind direction 9 hrs. I. S. T.
	Mean	Departure from normal.	Highest.	Date.	Mean	Departure from normal.	Lowest.	Date.	Mean	9 hrs. I. S. T.	Departure from normal.	Mean	9 hrs. I. S. T.	Departure from normal.	Mean	9 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Resultant direction 9 hrs. I. S. T.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
Assam Lumding	... 91.1 + 2.5	95	1, 9	76.1 + 0.9	74	22	78.1	76.2	80.0	- 0.5	91	+ 3			9.20	+ 1.82	1.40		30	14	+ 3.2					
Bengal Pabna	... 90.4 - 0.4	94	25, 26	79.2 + 2.8	76	7, 29	84.0	80.9	84.7	+ 1.5	87	+ 4			6.00	- 2.37	1.30		6	10	- 1.1					
Kashmir Jammu	... 90.3 - 1.6	97	3	74.6 - 0.5	65	27	76.8	71.7	74.0	+ 0.9	77	+ 6	4.1		7.15	+ 3.64	1.80		4	9	+ 4.9	N 10 W				
Kargil	... 79.7 + 0.8	88	18, 19	58.0 + 3.9	46	28	61.2	52.5	10.3	+ 2.1	56	+ 7	1.4		0.70	+ 0.60	0.50		26	2	+ 1.7	N 67 E				
Mysore Balehonnur	... 75.2 - 1.2	79.16, 29, 30		65.1 + 0.6	63	14, 17, 24	68.2	67.1	22.0	+ 0.4	94	- 2			9.11	+ 1.43	1.28		29	19	+ 3.0					
Tibet Yatung (Chumbi)	... 64.4 + 1.7	68	4, 14	46.0 - 1.1	42	9, 16, 28	54.2	53.3	18.4	+ 1.0	95	+ 7	8.2		5.12	+ 0.77	1.09		16	19	+ 8.0					
Iran Zahidan	... 89.5 + 1.4	96	11, 14, 15	56.3 + 2.0	45	30	75.5	53.8	6.4	- 6.0	19	- 36	0.4		0	0	0			0	0	N 51 E				

(R)—Register not received.

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 9 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 5TH CLASS STATIONS—SEPTEMBER 1945

INDIA WEATHER REVIEW, 1945

Monthly Weather Report

October

Published by authority of the Government of India

Chief features.—(1) A severe cyclonic storm from the Bay of Bengal caused extensive damage in the Circars Districts of the Madras Presidency and in southwest Bengal.

(2) Three western disturbances affected the extreme north of the country.

Last month's depression from the Bay of Bengal moved as a shallow low pressure area through the east Central Provinces to the east United Provinces and became unimportant by the 2nd. It caused widespread rain in Bihar, Chota Nagpur and the United Provinces on the first two days of the month. With its disappearance, the northeast monsoon began setting in northwest India and the central parts of the country. Local or widespread thundershowers occurred on most days of the second week in Assam, Bengal and the south Peninsula. Scattered thunderstorms also occurred in the central parts of the country as the dry northeast monsoon air swept away the moisture. A western disturbance passing across the extreme north of the country caused light showers in Kashmir and the North-West Frontier Province on the 1st.

From the 10th to 14th, thunderstorm activity was well-marked in the Peninsula south of Lat. 12°N., while generally dry weather prevailed elsewhere.

Weather for the next ten days was mainly controlled by a cyclonic storm which moved from the Bay of Bengal into the interior of the country. Unsettled conditions and feeble cyclonic circulation in the extreme southeast Bay were noticed on the 10th. A depression, apparently deep, existed in the vicinity of Nicobar Island in the early hours of the 14th. It was responsible for the grounding of the steamer "Takliwa". By the 15th morning it had become a cyclonic storm and was centred near Lat. 8°N., Long. 91°E. Intensifying further, it moved northwestwards as a severe cyclonic storm and crossed coast just south of Cocanada in the early hours of the 18th, causing violent gales and heavy rain along the Circars-Orissa coasts. Cocanada experienced winds of about 60 miles per hour just before the storm crossed inland. The storm was associated with a tidal wave 5 to 7 feet high which inundated a coastal belt of 3 to 5 miles width between Cocanada and Masulipatam. Continuing to move in the same direction, the storm was over east Hyderabad on the 19th morning. Thereafter it slowly weakened, recurved and moved northeastwards through the east Central Provinces to southwest Bengal, where it lay as a shallow low pressure area on the 22nd. By the next morning it became unimportant.

Associated with this cyclonic storm widespread and locally very heavy rain fell in south Malabar on the 17th and 18th, and in the Madras Deccan on the 18th. Heavy rain accompanied by strong winds occurred along the Orissa-Circars coast from the 17th to 20th, and widespread and locally very heavy rain occurred in northeast India from the 20th to 22nd. The track of the storm through Hyderabad and the east Central Provinces to southwest Bengal was also marked by widespread rain. Some of the noteworthy amounts of rainfall recorded were:—October 18th, Peermade (Malabar) 8·9", Kottarakara (Malabar) 8·7", Trivandrum 7·9", Quilon (Malabar) 7·0" Kottayam (Malabar) 6·6", Alleppey 6·4", Cocanada 5·0" and Vizagapatam 4·6"; 19th, Masulipatam 7·0", Rentichintala 6·0", Balasore 5·7" and Rajnigiri (Orissa) 5·1"; 20th, Rajnigiri (Orissa) 9·7", Baripada (Orissa) 8·5" and Balasore 6·5"; 21st, Saugor Island 6·7"; 22nd Berhampore 7·7"; 23rd, Saugor Island 5·1".

The storm caused much destruction to property and crops in the Circars districts and in west Bengal. The east Godavari, Vizagapatam, Kistna, west Godavari and Guntur districts were seriously affected by the storm. Many people were rendered homeless by huts being blown

away by gales or washed away by the tidal wave or heavy rain. Some deaths due to collapse of houses have also been reported. Several roads were breached and railway and telegraphic communications were dislocated. In Bezwada, which felt the full fury of the storm, many buildings collapsed and all the main streets were strewn with uprooted trees, telegraph and telephone poles. Many electric bulbs of the street lamps were blown away. The total loss to property in these five districts was estimated at several lacs of rupees.

The heavy rains in Bihar and west Bengal caused floods in the rivers. According to newspaper reports many people were rendered homeless by floods in Nadia and Burdwan districts, and standing crops were damaged in Bihar and Bengal.

With the disappearance of the storm over southwest Bengal, the northeast monsoon again swept rapidly over the whole country. During the last week light thundershowers fell in the south Peninsula, while the rest of the country outside Kashmir was generally dry.

A western disturbance moving across the extreme north of the country on the 25th induced a shallow low pressure area over the southwest Punjab on the next day. The two together were responsible for fairly widespread rain or snowshowers in Kashmir on the 25th and 26th, and scattered light showers in the North-West Frontier Province on the 24th and in the hills of the Punjab and of the west United Provinces from the 26th to 29th.

Night temperatures were markedly below normal in Baluchistan on the last three days of the month.

The total rainfall of the month was in large excess in northeast India, the United Provinces and south Hyderabad, in moderate excess in Sind, and normal in Kashmir, north Hyderabad and the north Madras coast. It was in slight defect in the east Central Provinces, Malabar and the Madras Deccan, and in moderate to large defect elsewhere except in Baluchistan and west Rajputana, where no rain fell. Averaged over the plains of India, rainfall was in excess by 17 per cent.

Maximum temperature was below normal in Bengal, Chota Nagpur, Bihar, the United Provinces, the east and north Punjab, east Rajputana, Central India, the east Central Provinces and north Hyderabad, and normal elsewhere. Minimum temperature was normal over the country except in the east and north Punjab where it was above normal.

Relative humidity was in excess in Chota Nagpur, Bihar, the United Provinces, the Punjab, east Rajputana, Central India, Berar and the west Central Provinces, and normal elsewhere.

Cloud amount was in excess in northeast India outside Chota Nagpur, the United Provinces and Central India. It was in defect in the North-West Frontier Province, Baluchistan, Sind and Rajputana.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 31 sub-divisions; these means are based on observations at stations, the monthly mean data for which are given in the subsequent tables.

N. B.—The Indian Standard Time referred to in this Report is 5 hours 30 minutes in advance of G. M. T. It should be noted, however, that the change in I. S. T. from 6 hours 30 minutes ahead of G. M. T. to 5 hours 30 minutes ahead of G. M. T. was made from the midnight of the 15th October 1945 and observations were taken at 9 hours and 18 hours I. S. T. up to the 15th October and at 8 hours and 17 hours from the 16th October 1945.

Poona No. 5: }
The 23rd November 1945. }

N. K. SUR,
for Director-General of Observatories.

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS—OCTOBER 1945

	RAINFALL.				DEPARTURE FROM NORMAL OF					RAINFALL.				DEPARTURE FROM NORMAL OF					
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	8 hrs. I. S. T.			Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	8 hrs. I. S. T.			
							Vapour pressure.	Relative humidity.	Cloud.							Vapour pressure.	Relative humidity.	Cloud.	
1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Division	"	"	"		"	"	mb.	%		Division—contd.	"	"	"	"	"	"	mb.	%	
1. Assam	8.26	5.09	+3.19	+63	-0.5	0-0.6	+1	+1.4		9. Rajputana	0.03	0.34	-0.31	-91	-2.2	+0.7	+1.7	+7	-0.4
2. Bengal	11.25	5.23	+6.02	+115	-2.1	0-0.3	+4	+1.9		10. Bombay	0.79	2.55	-1.56	-69	-0.9	+0.1	-0.2	+2	+0.2
3. Orissa	11.23	5.90	+5.33	+90	-1.9	-0.2	+0.4	+4	+1.1	11. Central India	0.57	1.44	-0.87	-60	-2.2	+0.4	+1.0	+12	+1.0
4. Bihar	6.16	2.57	+3.59	+140	-3.0	+0.1	+1.1	+8	+0.9	12. Central Provinces and Berar.	1.44	2.29	-0.85	-37	-1.9	+0.3	+0.5	+6	0
5. United Provinces	8.09	1.84	+1.75	+131	-3.6	+0.9	+1.9	+11	+1.2	13. Hyderabad	3.27	2.31	+0.96	+42	-1.7	0	-0.7	+2	-0.9
6. Punjab	0.17	0.31	-0.14	-45	-1.7	+1.7	+2.2	+18	0	14. Mysore	3.32	6.09	-2.77	-45	+0.4	-0.1	-1.0	0	+0.4
7. North-West Frontier Province.	0.05	0.10	-0.05	-50	-0.7	+0.5	+1.1	+2	-0.5	15. Madras	5.89	7.91	-2.02	-26	+0.1	+0.1	-0.5	0	+0.3
8. Sind	0.03	0.02	+0.01	+50	+0.2	+0.1	+1.3	+5	-0.7	Mean of India	3.28	2.80	+0.48	+17	-1.6	+0.4	+0.6	+6	+0.4
Sub-division										Sub-division—contd.									
1. Bay Islands										18. Central India, West.	0.21	1.13	-0.92	-81	-2.0	+0.9	+1.1	+12	+1.3
2. Assam	8.28	5.09	+3.19	+63	-0.5	0-0.6	+1	+1.4		19. Do. do. East.	1.04	1.84	-0.80	-43	-2.5	-0.2	+0.8	+12	+0.7
3. Bengal	11.25	5.23	+6.02	+115	-2.1	0-0.3	+4	+1.9		20. Berar	0.45	1.87	-1.42	-76	-1.3	+0.5	+1.4	+10	-0.5
4. Orissa	11.23	5.90	+5.33	+90	-1.9	-0.2	+0.4	+4	+1.1	21. Central Provinces, West	0.74	1.58	-0.94	-56	-1.7	+0.4	+0.8	+7	+0.3
5. Chota Nagpur	5.38	2.75	+2.58	+94	-3.6	-0.2	+1.4	+10	+0.2	22. Do. do. East.	2.66	3.20	-0.54	-17	-2.2	+0.1	-0.2	+4	-0.1
6. Bihar	6.58	2.47	+4.11	+166	-2.6	+0.3	+0.9	+7	+1.5	23. Konkan	1.40	5.12	-3.72	-73	-0.3	-0.1	-0.5	+1	0
7. United Provinces, East.	4.03	1.79	+2.24	+125	-4.3	+1.1	+1.3	+9	+1.5	24. Bombay Deccan	1.26	3.05	-1.79	-59	-0.1	+0.2	-0.7	+1	+0.1
8. Do. do. West.	2.14	0.89	+1.25	+140	-2.9	+0.7	+2.5	+12	+0.8	25. Hyderabad, North	2.01	2.02	-0.01	0	-2.5	+0.4	-0.6	+3	-0.3
9. Punjab, East and North.	0.32	0.50	-0.18	-36	-2.3	+2.0	+3.2	+17	+0.1	26. Do. South	4.96	2.70	+2.26	+84	-1.0	-0.3	-0.8	+1	-0.2
10. Do. Southwest.	0.01	0.09	-0.08	-39	-1.1	+1.3	+1.1	+8	0	27. Mysore	3.92	6.09	-2.77	-45	+0.4	-0.1	-1.0	0	+0.4
11. Kashmir	0.92	0.94	-0.02	-2	+0.8	+0.3	-0.1	+1	-0.3	28. Malabar	8.81	10.63	-1.82	-17	+0.5	-0.2	-0.4	0	+0.4
12. North-West Frontier Province.	0.05	0.10	-0.05	-50	-0.7	+0.5	+1.1	+2	-0.5	29. Madras, Southeast	4.89	8.39	-3.50	-42	+0.5	+0.3	-0.7	0	+0.9
13. Baluchistan	0	0.07	-0.07	-100	-0.1	-0.7	+0.2	-1	-0.5	30. Do. Deccan	3.45	4.23	-0.78	-18	-0.6	-0.1	-0.3	-1	-0.5
14. Sind	0.03	0.02	+0.01	+50	+0.2	+0.1	+1.3	+5	-0.7	31. Do. Coast, North	7.97	8.48	-0.51	-6	-0.5	+0.1	-0.4	+1	-0.3
15. Rajputana, West.	0	0.16	-0.16	-100	-1.1	+1.5	+1.4	+3	-0.5										
16. Rajputana, East.	0.05	0.53	-0.48	-91	-3.0	+0.1	+1.8	+11	-0.3										
17. Gujarat	0.06	0.80	-0.74	-93	-1.8	+0.1	+0.4	+5	+0.3										

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. I. S. T. (2-30 HRS. G.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb tempera- ture °F.		Vapour pressure, millibars.		Re- tu	
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Bay Islands Port Blair	261																			
Assam																				
Dibrugarh	348	1002.8	+ 1.8	995.6	83.9	- 0.4	91	11,12,13	68.3	- 1.2	60	28	75.3	77.6	71.4	73.7	24.4	- 1.3	26.6	82
Sibsagar (R)	317																			
Tezpur	258	1005.5	+ 1.4	1001.3	84.8	- 1.5	91	13	70.1	- 1.1	64	6 days	75.1	79.4	72.5	74.7	26.1	- 0.2	27.3	87
Gauhati	182	1007.5	+ 1.5	1003.6	89.2	+ 2.2	92	5 days	71.0	0	64	22	75.6	80.1	72.7	73.8	26.1	- 0.8	25.5	87
Dhubri	115	1009.2	+ 1.0	1005.6	82.3	- 2.0	90	5 days	71.9	- 0.9	66	22,23,24	75.8	79.9	72.7	74.9	26.1	- 1.1	27.3	86
Silchar	96	1010.3	+ 1.3	1006.4	86.9	- 1.4	93	14	72.6	+ 0.4	67	22,23	76.5	82.2	73.9	76.5	27.3	- 1.0	28.6	88
Srimangal	69	1010.5	+ 0.7	1007.2	86.1	- 2.9	91	1,3,4	71.1	+ 0.9	65	28,29	76.4	79.9	74.6	76.4	28.3	+ 0.1	29.5	92
Bengal																				
Cox's Bazar	88	1011.3	+ 1.2	1008.4	85.2	- 1.9	91	17	73.8	+ 0.2	68	24	79.1	80.5	76.2	76.3	29.5	- 0.5	29.1	87
Chittagong	87	1009.1	+ 0.5	1006.3	85.6	- 1.3	91	14	74.0	+ 0.6	70	22,23,30	78.3	80.1	75.3	76.2	28.6	- 0.7	29.1	87
Noakhali (R)	22																			
Comilla	29	1011.6	+ 1.0	1008.5	86.1	- 2.1	91	3,5,18	74.2	+ 0.8	69	22	78.8	82.5	75.6	77.4	28.9	- 0.7	29.8	86
Brahmanbaria	32	1011.6		1008.3	85.4	- 3.8	91	2	74.8	+ 1.1	69	22,23	79.6	80.9	76.1	76.3	29.1	+ 0.1	28.9	85
Narayanganj (R)	26																			
Mymensingh	62	1011.3	+ 1.5	1007.9	85.6	- 1.5	91	4 days	73.2	- 0.7	67	26	78.2	81.3	74.9	75.4	28.0	- 0.7	27.3	85
Faridpur	27	1011.2	+ 1.0	1008.0	84.8	- 2.5	90	5 days	74.5	+ 0.4	68	26	79.5	80.9	76.0	76.3	29.1	- 0.4	28.9	85
Barisal	11	1011.7	+ 0.9	1008.9	86.5	- 1.1	92	4	75.2	+ 0.3	71	27,28	80.3	81.2	76.2	76.6	29.1	- 0.7	29.2	83
Khulna	16	1012.2	+ 1.2	1009.1	87.2	- 0.9	94	6, 9	75.3	+ 0.8	71	27,28	80.7	80.6	76.4	75.7	29.0	+ 0.2	28.1	82
Jessore	26	1011.3	+ 0.7	1007.4	88.2	- 0.8	95	7	72.4	- 0.1	67	27,29	79.2	82.3	76.9	78.5	30.4	+ 1.1	31.5	89
Satkhira	16	1011.5	+ 0.6	1008.4	86.1	- 3.6	91	4 days	73.6	- 0.5	69	28,29	79.4	81.6	76.2	76.3	29.5	- 0.1	28.4	86
Dum Dum (R)	33																			
Calcutta	21	1011.5	+ 0.9	1005.4	87.0	- 2.2	94	3	74.3	+ 0.5	70	5 days	77.5	81.4	75.2	75.8	28.7	+ 0.2	27.9	89
Saugor Island	10	1010.9	+ 0.2	1008.6	84.6	- 2.2	89	5, 8	75.8	- 0.5	70	18	80.0	81.2	76.2	76.2	29.1	- 0.5	28.6	83
Sandheads	28	1010.8	+ 0.4	1008.2									82.3	83.2	77.0	77.1	29.2	- 0.6	29.1	78
Midnapore	149	1006.8	+ 0.7	1003.6	86.1	- 3.0	93	8	72.5	- 0.9	63	26,28,29	75.7	81.9	74.0	74.8	28.0	+ 1.3	26.2	91
Burdwan (R)	106																			
Krishnagar	48	1010.8	+ 1.0	1007.5	87.5	- 2.0	93	5 days	72.6	- 0.4	67	30	78.6	81.8	75.1	76.0	28.2	+ 0.2	28.0	83
Asansol	414	998.1	+ 0.9	994.8	85.8	- 3.2	92	3, 13	71.3	+ 0.5	66	31	76.4	81.5	73.1	74.2	26.2	+ 0.5	25.5	85
Berhampore	62	1010.2	+ 0.8	1006.9	88.2	- 0.2	96	6	73.1	- 0.8	69	5 days	79.3	82.1	74.9	75.5	27.5	- 0.5	27.2	80
Bogra	63	1009.9	+ 0.6	1006.7	86.2	- 1.6	94	5	72.7	- 0.4	68	21,26	77.9	82.6	74.3	76.0	27.4	- 1.0	27.7	84
Malda	103	1003.2	+ 1.2	1006.0	84.2	- 3.9	91	8	72.3	0	65	22	78.6	81.6	74.0	74.9	26.6	- 1.1	26.6	80
Dinajpur (R)	123																			
Jalpaiguri	271	1004.0	+ 1.4	1000.3	85.6	- 1.1	91	2, 12, 13	69.8	- 0.5	63	30	73.7	82.7	70.5	74.4	24.1	- 2.0	25.2	84
Orissa																				
Balasore	65	1009.4	+ 0.5	1006.5	84.7	- 3.7	91	4, 8, 10	73.1	- 0.2	65	31	77.5	80.3	74.4	76.3	27.7	+ 0.2	29.1	86
Chandballi	20	1011.1	+ 0.7	1003.3	85.8	- 2.1	91	8	74.6	0	70	30, 31	79.5	81.6	75.8	76.6	28.9	0	29.0	84
Puri	20	1010.7	+ 0.5	1006.0	88.0	- 0.6	94	4	76.5	- 0.5	72	29, 30, 31	80.6	83.2	75.9	76.1	28.5	- 0.5	27.6	80
Gopalpur	56	1009.5	+ 0.5	1006.6	86.9	- 1.3	91	3	74.2	- 0.4	68	29, 30	79.8	83.0	76.8	78.9	30.1	+ 2.2	31.9	86
Cuttack	87	1008.9	+ 0.6	1005.3	88.5	- 1.2	95	5	74.7	+ 0.3	68	31	78.7	82.7	74.8	76.2	27.6	+ 0.2	28.1	84
Angul	455	996.0	+ 0.6	993.1	86.2	- 2.3	92	5 days	71.6	0	64	31	75.8	81.6	72.6	73.9	26.0	+ 0.2	25.2	85
Sambalpur	486	994.9	+ 0.1	991.6	86.7	- 2.1	91	8 days	71.0	- 0.5	63	31	75.5	83.9	72.4	73.8	25.8	+ 0.4	23.9	86
Chota Nagpur																				
Jamshedpur	428	997.5	+ 0.6	994.3	86.2	- 3.5	93	3	71.2	+ 0.1	64	31	76.1	81.8	72.2	73.4	25.2	+ 0.7	24.2	82
Chhatisgarh	742	986.4	+ 0.7	983.1	84.2	- 4.0	92	7	70.4	+ 0.3	62	24	74.3	82.0	71.7	73.8	25.4	+ 1.0	24.8	88
Ranchi	2,150	940.1	+ 1.5	937.3	80.5	- 2.6	86	5, 12	64.8	- 1.4	59	28, 31	71.9	75.5	67.8	68.0	21.3	+ 1.3	20.0	81
Hazaribagh	2,006	944.2	+ 0.3	941.7	80.4	- 3.2	87	11, 13	64.9	- 1.6	60	29, 31	70.7	74.5	67.5	68.0	21.5	+ 2.1	20.4	85
Daltonganj	725	987.5	+ 0.8	984.4	84.6	- 4.5	90	11, 12	68.1	+ 1.6	60	30	73.3	79.8	70.2	72.0	23.9	+ 2.0	23.2	86
Dhanbad	889	988.8			84.1		90	5, 7	69.5	62	31	74.6		70.6		23.7			S1	
Bihar																				
Purnea	124	1008.6	+ 1.2	1005.3	86.2	- 1.7	92	5 days	71.0	+ 0.2	64	22	77.8	81.7	73.5	75.6	26.6	- 0.1	27.5	81
Darbhanga	161	1007.8	+ 1.3	1003.9	85.5	- 2.7	91	4 days	71.8	+ 0.2	64	22	76.6	82.6	73.6	75.5	26.9	+ 1.0	26.9	87
Motihari	218	1005.1	+ 1.1	1001.8	85.9	- 2.2	93	19, 20	69.3	0	62	31	77.0	81.9	73.5	74.8	26.6	+ 0.6	26.2	84
Patna	173	1006.3	+ 0.8	1003.4	85.7	- 2.9	93	10, 11	72.6	- 0.2	65	22	77.4	82.0	73.2	73.4	26.1	+ 0.9	24.2	82
Dehri																				
Gaya	365	999.9	+ 1.2	996.8	84.5	- 4.1	90	7	71.6	+ 1.6	66	30	75.0	79.6	72.4	73.8	26.0	25.7	88	
Naya Dumka	489	999.9	+ 0.1	992.1	86.0	- 2.1	92	14	71.0	+ 0.3	65</td									

Mean 8 hrs. I. S. T.	Cloud amount (tenths of sky).		Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from												STATION.								
	Mean 17 hrs. I. S. T.	Departure from normal.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	8 hrs. I. S. T.						17 hrs. I. S. T.														
											N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm			
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53		
5.6	+ 0.4	3.8	8.05	+ 2.06	2.64	7	13	+ 4.4	1.1	+ 0.4	0	1	2	0	0	0	0	0	28	8	5	8	2	2	0	0	2	4	Bay Islands Port Blair		
5.7	+ 1.1	3.7	4.16	+ 0.06	1.17	22	9	+ 2.7	1.9	+ 0.4	0	4	13	0	1	0	4	0	9	0	0	5	1	0	2	0	0	28	Assam Dibrugarh		
6.5	+ 1.2	5.7	3.98	+ 1.20	1.80	22	6	+ 1.8	2.2	+ 1.0	4	12	5	4	2	1	0	0	3	1	11	7	6	2	2	0	1	1	13	Sibsagar (R) Tezpur Gauhati Dhubri Silchar Srimangal	
4.7	+ 1.0	3.7	9.59	+ 4.69	3.81	22	12	+ 7.0	4.5	+ 1.3	0	6	12	0	3	0	1	0	9	0	2	9	1	2	2	2	0	1	8	Bengal Cox's Bazar Chittagong Noakhali (R)	
7.9	+ 2.9	6.3	10.87	+ 3.62	2.84	22	9	+ 1.1	1.1	+ 0.1	0	9	2	13	1	1	0	0	5	4	6	0	4	0	5	1	3	5	Comilla Brahmanbaria Narayanganj (R)		
6.0	+ 2.0	6.4	12.04	+ 4.98	3.71	22	13	+ 4.9	2.0	+ 0.1	4	11	2	3	4	1	1	2	3	2	8	1	1	3	2	6	3	5	Mymensingh Faridpur Barisal Khulna Jessore Satkhira Dum Dum (R)		
6.6	+ 2.3	6.2	18.71	+ 11.65	6.18	23	11	+ 3.5	2.9	+ 0.4	2	2	2	9	4	0	0	1	11	1	0	2	4	6	3	2	4	9	Calcutta Sandheads Midnapore Burdwan (R)		
7.4	+ 2.9	6.9	9.91	+ 2.89	2.08	24	10	+ 3.0	2.1	- 1.5	3	1	1	4	5	1	0	0	16	1	0	0	0	3	4	5	3	15	Asansol Berhampore Bogra Maldia Dinajpur (R)		
6.1	+ 2.6	6.7	5.67	- 1.05	1.67	22	8	+ 1.4	3.2	+ 1.4	1	1	1	5	7	0	0	0	16	3	1	2	2	4	0	0	0	19	Krishnagar Jalpaiguri Orissa Balasore Chandbali Puri Gopalpur Cuttack Angul Sambalpur Chota Nagpur Jamshedpur		
4.7	4.9	9.80	+ 3.46	2.75		22	12	+ 5.1	2.9		3	1	3	5	7	1	0	0	11	3	0	0	3	3	0	0	2	20	Hazaribagh Daltonganj Dhanbad Bihar Purnea Darbhanga Motihari Patna Dehri Gaya Naya Dumka Sabour (R)		
5.6	+ 1.2	4.6	9.72	+ 3.40	3.47	22	10	+ 3.9	2.0	+ 1.0	1	3	5	5	1	0	0	1	15	0	0	2	3	0	1	0	0	25	Asansol Berhampore Bogra Maldia Dinajpur (R)		
6.3	+ 3.3	5.5	6.50	+ 1.65	2.20	23	6	+ 0.4	2.9	+ 0.6	1	6	2	8	4	0	1	5	4	0	2	1	6	5	0	0	3	15	Midnapore Burdwan (R)		
6.7	+ 3.0	5.7	12.43	+ 6.29	2.46	24	9	+ 2.1	2.7	+ 1.2	5	2	2	8	1	1	2	8	1	0	0	3	4	1	0	0	22	Khulna Jessore Satkhira Dum Dum (R)			
6.9	+ 2.7	6.8	12.04	+ 7.78	3.75	23	9	+ 2.8	3.0	+ 1.0	3	3	1	5	2	2	1	5	9	2	1	2	6	3	1	1	2	13	Midnapore Burdwan (R)		
4.0	+ 0.5	4.8	12.82	+ 8.23	4.41	22	8	+ 2.2	2.9	+ 1.5	5	5	1	8	3	2	0	1	6	1	0	0	3	5	1	0	1	20	Asansol Berhampore Bogra Maldia Dinajpur (R)		
5.2	+ 1.6	6.1	10.77	+ 6.27	3.21	23	7	+ 1.3	2.2	+ 1.0	10	2	2	3	3	0	0	1	10	1	1	1	3	2	0	0	0	23	Midnapore Burdwan (R)		
5.1	+ 1.3	6.0	11.38	+ 6.90	4.24	23	9	+ 2.8	2.1	0	6	5	3	3	1	3	1	3	6	3	1	2	4	4	1	1	3	12	Asansol Berhampore Bogra Maldia Dinajpur (R)		
5.9	+ 0.8	6.5	25.39	+ 17.32	6.66	21	14	+ 6.5	9.2	+ 3.4	9	7	3	2	3	3	1	3	0	7	5	2	6	4	3	0	2	2	1	Sandheads Midnapore Burdwan (R)	
5.5	+ 1.1	5.7	6.78	+ 2.15	1.81	19	12	+ 6.3			5	6	8	3	2	2	3	1	1	4	3	7	4	4	2	2	4	1	9	Midnapore Burdwan (R)	
5.3	+ 2.1	6.0	11.94	+ 8.14	2.12	20	12	+ 6.4	3.3	+ 1.9	8	7	2	2	1	0	0	0	9	3	10	5	2	2	0	0	0	0	9	Asansol Berhampore Bogra Maldia Dinajpur (R)	
4.9	+ 1.3	5.2	11.93	+ 7.09	6.53	23	7	+ 2.0	1.7	- 0.1	2	4	2	3	4	1	1	6	8	0	0	0	5	4	0	0	1	21	Asansol Berhampore Bogra Maldia Dinajpur (R)		
4.4	+ 0.8	5.3	6.60	+ 2.26	2.57	22	7	+ 1.5	3.9	+ 0.9	5	5	5	1	0	0	2	10	3	7	4	5	3	0	0	4	8	Asansol Berhampore Bogra Maldia Dinajpur (R)			
5.0	+ 1.4	5.5	11.73	+ 8.09	7.72	22	7	+ 2.5	0.5	- 0.9	2	0	3	1	4	0	0	0	21	0	0	1	0	0	0	0	0	30	Asansol Berhampore Bogra Maldia Dinajpur (R)		
4.4	+ 1.1	4.1	11.39	+ 6.26	4.79	22	6	+ 0.5	2.3	+ 1.1	5	7	9	3	2	1	2	0	3	4	3	1	0	3	5	2	3	7	7	Asansol Berhampore Bogra Maldia Dinajpur (R)	
4.5	+ 2.3	3.8	9.31	+ 4.96	2.90	22	6	+ 1.7	3.7	+ 0.9	5	8	2	3	1	2	2	3	5	3	4	5	1	2	1	2	5	8	Asansol Berhampore Bogra Maldia Dinajpur (R)		
5.3	+ 2.4	4.2	8.05	+ 2.49	3.18	3	5	+ 2.5	3.7	+ 2.5	9	8	4	0	1	2	0	4	8	2	1	10	2	1	4	4	0	7	7	Asansol Berhampore Bogra Maldia Dinajpur (R)	
5.5	+ 1.6	6.1	22.26	+ 15.83	6.47	20	13	+ 6.6	2.9	+ 1.1	7	7	0	0	2	2	0	6	7	3	2	3	1	2	1	1	5	13	Asansol Berhampore Bogra Maldia Dinajpur (R)		
4.9	+ 0.6	6.3	13.94	+ 6.31	6.12	19	13	+ 4.7	4.5	+ 0.8	12	3	1	2	4	1	3	4	1	4	6	4	6	3	1	0	1	6	Asansol Berhampore Bogra Maldia Dinajpur (R)		
5.0	+ 1.3	5.7	8.60	+ 1.59	2.10	20	12	+ 4.7	3.9	+ 2.5	10	5	1	3	1	3	1	7	0	4	10	4	3	3	7	0	0	0	0	0	Asansol Berhampore Bogra Maldia Dinajpur (R)
5.2	+ 1.7	5.8	11.44	+ 2.81	3.23	18	11	+ 4.1	9.1	+ 3.4	18	0	2	1	1	3	0	6	2	14	1	7	4	0	2	0	0	0	17	Asansol Berhampore Bogra Maldia Dinajpur (R)	
4.4	+ 0.4	6.2	13.93	+ 5.59	2.42	19	10	+ 3.7	3.5	+ 2.2	0	8	1	0	0	0	6	2	14	1	7	4	0	2	0	0	0	9	Asansol Berhampore Bogra Maldia Dinajpur (R)		
4.6	+ 0.4	5.7	5.75	+ 1.81	2.24	1	10	+ 4.3	4.4	+ 1.3	1	2	2	1	1	0	9	6	9	4	4	5	3	2	0	2	2	7	Angul Sambalpur		
4.9	+ 1.5	6.8	2.69	+ 0.55	1.15	1	3	- 0.5	3.3	+ 1.0	0	9	0	0	0	1	1	2	18	1	9	0	2	2	1	4	5	7	Chandbali Puri Gopalpur Cuttack Angul Sambalpur Chota Nagpur Jamsedpur		
4.3	+ 0.4	4.8	4.90	+ 2.24	1.82	21	7	+ 2.8	3.7	+ 1.6	0	2	7	1	0	3	13	2	3	2	4	9	5	2	1	2	3	3	Asansol Berhampore Bogra Maldia Dinajpur (R)		
4.5	+ 1.0	4.8	7.84	+ 4.91	3.03	3	5	+ 3.6	1.1	- 0.1	0	7	0	0	0	5	0	0	19	0	7	0	1	0	2	1	1	19	Asansol Berhampore Bogra Maldia Dinajpur (R)		
3.5	0	4.1	4.49	+ 1.86	1.86	21	6	+ 1.3	2.9	0	3	1	4	0	3	0	2	2	16	5	2	3	0	1	0	0	3	17	Asansol Berhampore Bogra Maldia Dinajpur (R)		
4.8	- 2.5	4.9	5.80	+ 2.70	2.58	2	7	+ 2.4	4.2	- 0.1	3	2	3	2	3	2	2	8	6	8	5	2	2	2	0	0	10	2	Hazaribagh Daltonganj		
4.5	+ 2.3	4.9	3.62	+ 1.69	1.70	21	5	+ 1.8	2.7	+ 0.7	0	0	7	10	3	0	5	0	6	8	4	8	0	0	0	5	6	0	Dhanbad Bihar		

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. I. S. T. (2-30 HRS. G. M)

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32° F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relat humid %				
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22			
U. P., East																								
Gonda	360	1,001.0		997.9	86.4	- 4.4	93	8	68.1	+ 0.6	58	31	73.1	81.1	70.6	72.7	24.4	+ 1.3	23.6	88	+ 9			
Gorakhpur	254	1,003.5	+ 0.9	1,000.7					70.8	+ 1.4	64	31	75.6	82.7	71.9	73.4	25.1	+ 0.6	23.8	82	+ 4			
Benares	250	1,003.8	+ 1.1	1,000.9	85.3	- 5.2	92	6,8	69.0	+ 1.0	64	31	73.3	82.8	70.9	73.1	24.7	+ 1.7	23.5	89	+ 17			
Allahabad (Bandauli)	322	1,001.3	+ 1.1	998.7	86.6	- 3.8	95.7, 10, 17		68.5	+ 1.4	61	31	73.6	84.2	69.8	72.8	23.1	+ 1.9	22.3	81	+ 11			
Fatehpur	375	999.4		996.4	88.9	- 3.6	95	10	67.4	+ 0.9	57	31	74.0	84.4	69.8	72.9	23.1	+ 1.7	22.4	79	+ 8			
Cawnpore	413	998.4	+ 1.5	995.7	88.1	- 3.1	96	10	66.9	+ 0.9	59	31	73.0	84.0	68.3	71.1	21.6	+ 0.9	20.1	78	+ 5			
Lucknow	371	1,000.0	+ 1.6	997.1	87.4	- 4.0	92	5 days	67.7	+ 1.2	59	31	72.5	82.1	69.6	74.0	23.4	+ 1.7	25.0	85	+ 18			
Bahraich	407	998.2	+ 1.2	995.6	86.1	- 4.0	92	8	69.4	+ 1.0	59	31	74.0	82.5	70.5	72.1	23.9	+ 0.8	22.1	83	+ 7			
U. P., West																								
Jhansi	824	983.9	+ 0.5	981.3	89.6	- 3.5	95	7,9	66.2	- 2.4	57	31	71.1	86.8	65.5	68.1	19.0	+ 1.4	15.1	72	+ 14			
Agra	553	993.5	+ 1.4	990.5	90.3	- 2.5	95	5 days	66.2	+ 1.1	57	31	69.9	80.0	66.3	75.6	20.5	+ 5.5	24.6	82	+ 27			
Mainpuri	516	994.5	+ 1.4	991.9	89.6	- 3.6	96	10,11	65.8	+ 0.8	58	30	70.6	84.3	66.8	72.0	20.6	+ 2.1	21.1	81	+ 16			
Aligarh	615	991.2		988.6	91.0	- 2.1	97	10	66.1	+ 0.2	55	31	73.2	86.8	66.4	71.6	19.0	+ 3.3	19.6	69	+ 18			
Bareilly	568	992.8	+ 1.3	990.0	86.8	- 2.9	92	10	67.5	+ 1.7	58	31	72.9	82.5	68.5	71.7	21.8	+ 0.9	21.5	79	+ 8			
Roorkee	899	981.3	+ 0.9	978.8	85.3	- 2.9	92	1	64.1	+ 2.7	54	31	70.1	82.2	66.0	70.2	20.0	+ 2.2	19.7	80	+ 8			
Dehra Dun	2,239	986.9	+ 1.3	984.8	80.3	- 2.6	86	8	61.2	+ 0.9	51	30, 31	67.2	75.9	62.5	67.1	17.3	+ 2.2	18.6	77	+ 0			
Punjab, E. and N.																								
New Delhi	714	987.7	+ 1.2	985.1	90.1	- 2.4	97	10	65.1	+ 0.8	56	31	70.3	86.3	64.8	69.4	18.5	+ 3.3	16.8	79	+ 21			
Hissar	725	987.3	+ 1.1	985.1	91.2	- 3.4	96	9, 10, 23	62.5	- 0.7	53	31	67.9	86.2	63.1	71.6	17.4	+ 3.3	19.8	76	+ 19			
Ambala	892	961.7	+ 1.4	975.5	88.5	- 3.3	93	8, 9, 10	64.7	+ 2.6	54	30, 31	68.3	84.1	64.8	70.1	19.4	+ 3.4	18.8	81	+ 18			
Ludhiana	812	984.7	+ 0.4	982.1	89.6	- 2.7	95	8, 9, 10	65.0	+ 1.8	54	31	68.2	85.9	65.5	71.4	20.3	+ 5.3	19.6	86	+ 28			
Lahore	702	987.8	+ 1.2	986.1	90.9	- 3.1	98	8	63.7	+ 3.9	52	30	65.5	88.7	63.9	69.7	19.6	+ 4.1	16.1	89	+ 28			
Sialkot	830	983.9	+ 1.3	981.5	90.8	- 0.6	97	9	66.6	+ 4.5	54	31	71.1	86.1	63.6	68.4	13.6	+ 1.2	15.8	64	- 4			
Rawalpindi	1,674	955.3	+ 0.8	953.2	88.3	- 0.3	94	9	57.9	+ 0.9	47	31	61.5	83.5	57.1	65.3	13.9	+ 1.5	13.5	76	+ 18			
Punjab, Southwest																								
Khushab	612	990.1	+ 0.1	988.1	93.8	- 0.8	100	8	64.5	+ 1.1	56	29	68.0	90.0	61.1	64.0	15.3	+ 2.3	5.6	66	+ 8			
Layallpur	605	990.6	+ 0.7	988.7	91.3	- 1.9	98	7, 8	63.5	+ 1.1	52	29	66.7	88.1	61.3	68.5	16.1	+ 1.9	14.9	73	+ 12			
Montgomery	558	991.5	+ 0.2	989.8	93.8	- 1.2	98	1, 6, 7	64.5	+ 1.0	55	31	68.6	90.5	62.6	68.1	16.7	+ 0.8	13.2	69	+ 8			
Leiah	490	995.1		992.6	93.8		99	8	62.1		53	31	67.4	91.5	61.5	68.1	15.9		12.9	70				
Multan	413	997.3	+ 1.0	995.9	94.9	+ 0.5	100	1, 6, 9	66.3	+ 2.6	56	31	69.2	92.6	63.4	72.2	17.2	+ 0.4	17.6	72	+ 7			
Fort Abbas	475	995.5		992.9	95.5		102	1	64.9		55	30, 31	71.2	92.3	62.4	69.3	15.2		14.2	59				
Bahawalpur	384	998.0	+ 0.4	996.2	93.6	- 2.0	98	5 days	64.4	+ 1.9	55	31	66.8	90.4	61.5	71.3	16.3	+ 0.2	17.5	73	+ 12			
Khanpur	297	1,001.4	+ 0.8	999.5	95.6	- 1.3	99	7 days	64.0	+ 0.1	55	31	68.3	94.1	60.9	71.7	14.9	+ 0.9	16.3	63	+ 6			
Kashmir																								
Srinagar	5,205	844.5	+ 0.1	841.6	76.0	+ 2.2	85	8	42.0	+ 1.4	32	31	44.7	67.7	43.0	54.9	8.8	- 0.7	9.8	88	- 1			
Gulmarg	8,709				(Closed	during winter months.)																		
Dras	10,059	706.5	+ 0.2	703.9	55.1	- 0.4	63	19	29.2	+ 0.5	9	29, 30	31.6	51.3	29.2	38.4	4.8	- 0.3	4.0	79	+ 6			
Leh	11,523	670.2	+ 1.0	667.4	56.7	- 1.6	65	2, 8	30.5	- 0.1	19	30	38.5	51.7	28.9	36.6	4.2	+ 0.3	2.9	66	+ 17			
Skardu	7,505	774.1		765.9	69.3	+ 3.0	76	14	42.4	+ 1.7	31	31	45.2	65.9	39.1	48.6	6.0	- 0.7	5.5	59	- 10			
Gilgit	4,890	855.2		851.2	77.1	+ 3.2	87	16	50.8	- 1.4	41	29	54.1	73.4	45.2	53.6	6.7	- 2.0	6.1	47	- 14			
Misgar	10,190				58.4		65	7 days	34.2		28	30, 31	35.5	49.8	31.9	37.1	5.1		3.7	70				
N.-W. F. Province																								
Peshawar	1,175	972.3	+ 0.5	969.9	88.2	+ 0.4	94	7, 8	61.8	+ 1.3	54	31	64.1	86.0	57.5	66.9	13.2	+ 1.7	14.0	65	+ 8			
Bannu	1,264	968.5		966.9	89.0	- 1.6	95	8	63.0	+ 1.1	57	31	66.6	87.1	57.9	64.5	12.6	+ 0.7	10.5	56	- 1			
Miranshah	3,020	911.9		909.4	82.9	- 0.7	90	8	57.2	- 1.1	50	30, 31	64.0	78.8	52.4	59.3	8.5	+ 1.6	9.1	43	- 3			
Dera Ismail Khan	570	992.1	+ 1.0	990.0	92.9	- 0.7	98	6, 7, 9	62.3	+ 0.6	55	31	65.4	90.0	60.1	69.0	15.3	+ 0.4	14.7	72	+ 5			
Baluchistan																								
Port Sandeman	4,614	862.1	+ 1.2	859.3	82.1	- 0.5	88	16	53.2	+ 0.3	41	31	56.3	80.7	46.1	55.8	6.7	+ 1.0	5.8	41	- 11			
Loralai	4,699	858.4		856.1	80.0		85	10, 23	47.9		37	30, 31	50.0	77.7	38.0	52.8	3.1		3.8	25				
Sibi	441	996.4	+ 1.4	992.6	96.4	- 1.2	101	10	64.7	- 0.8														

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10 or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.			
hrs. I.S.T.		Departure from normal.	Total of the month.		Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	8 hrs. I. S. T.								17 hrs. I. S. T.										
hrs.	I.S.T.	Mean	17 hrs. I. S. T.	26	27	28	29	30	S1	S2	S3	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	
24	25	26	27	28	29	30	S1	S2	S3	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53		
.9	+ 1.1	2.8	4.17	+ 2.38	2.17	1	6	+ 4.3	2.5	+ 0.5	1	2	9	1	1	1	7	4	5	1	1	5	3	0	0	9	6	6	U. P., East	
.9	+ 2.4	3.9	5.06	+ 2.09	2.43	1	5	+ 2.7	2.8	+ 1.8	2	6	6	3	0	3	4	2	5	1	3	2	2	0	3	9	5	6	Gonda	
.3	+ 1.2	2.8	6.86	+ 4.68	3.53	21	5	+ 2.8	4.3	+ 2.3	1	2	6	1	4	9	7	0	1	3	4	5	0	0	0	5	14	0	Gorakhpur	
.8	+ 1.7	3.3	1.46	- 0.88	0.94	21	4	+ 1.5	3.5	+ 1.2	0	4	4	0	0	1	5	1	16	3	3	4	0	0	0	5	2	14	Benares	
.5	+ 0.9	2.5	0.88	- 0.51	0.28	1	1	- 0.4	2.1	+ 0.5	0	2	6	2	1	1	4	4	11	3	1	3	1	0	0	0	10	13	Allahabad (Bamrauli)	
.4	+ 1.5	2.3	1.98	+ 0.68	1.00	12	3	+ 1.5	4.6	+ 1.1	1	4	4	3	2	8	2	1	6	6	3	7	3	0	0	5	6	1	Fatehpur	
.5	+ 1.2	1.5	1.96	+ 0.70	1.38	1	3	+ 1.3	*		1	1	2	0	2	0	5	1	19	2	0	1	0	0	0	4	0	24	Cawnpore	
.1	+ 1.9	3.2	10.37	+ 8.79	6.75	2	4	+ 2.3	3.0	+ 1.6	1	2	3	5	0	0	2	6	12	2	0	2	1	1	4	0	3	18	Lucknow	
.7	+ 0.4	2.2	0.04	- 0.95	0.02	10, 12	0	- 1.1	4.1	+ 1.7	0	2	3	1	0	7	17	1	0	0	2	6	0	0	1	16	6	0	Bahraich	
.1	+ 0.1	1.0	0.03	- 0.68	0.03	12	0	- 0.8	2.3	- 0.1	0	3	3	1	4	0	2	2	16	0	2	3	0	0	0	1	10	15	U. P., West	
.4	+ 0.2	1.9	0.53	- 0.42	0.30	1	2	+ 1.0	2.0	+ 0.9	1	2	3	6	2	3	7	3	4	1	1	3	3	1	0	7	7	8	Agra	
.1	+ 0.5	0.8	0.06	- 0.25	0.06	2	0	- 0.3	3.1	0	3	0	8	3	3	2	7	2	3	9	1	2	0	1	0	0	2	16	Maipuri	
.0	+ 0.9	2.3	5.03	+ 3.76	3.56	1	3	+ 2.1	2.4	+ 1.4	2	4	7	4	1	0	5	4	4	3	6	3	2	1	3	2	7	4	Bareilly	
.2	+ 1.4	2.4	4.67	+ 3.83	1.86	29	3	+ 2.1	2.2	+ 1.0	0	2	0	11	0	0	0	5	13	0	0	0	7	0	1	1	12	10	Roorkee	
.4	+ 2.1	3.2	5.55	+ 4.29	2.44	1	7	+ 5.4	2.0	+ 0.1	3	4	1	0	2	1	2	3	15	2	0	1	0	2	3	7	3	13	Dehra Dun	
.5	+ 0.6	1.1	0.34	- 0.06	0.33	11	1	+ 0.4	3.2		0	3	4	4	0	6	4	2	8	2	4	2	0	0	0	1	9	13	Punjab, E. and N.	
.1	- 0.6	0.1	0.14	- 0.47	0.08	11	0	- 0.6	3.4	+ 0.2	1	0	2	6	5	5	2	2	8	7	4	5	0	0	3	2	4	6	Hissar	
.5	+ 0.6	1.3	0.37	- 0.50	0.37	11	1	+ 0.1	2.5	+ 0.6	0	0	0	13	0	0	0	7	11	0	1	0	5	0	0	0	0	19	6	Ambala
.3	+ 0.5	1.6	1.30	+ 0.87	1.30	29	1	+ 0.3	1.1	+ 0.1	1	1	0	9	1	1	0	0	18	0	4	1	1	0	3	1	4	17	Ludhiana	
.7	0.5	0.03	- 0.21	0.03	10	0	- 0.5	1.5	+ 0.4	1	2	2	4	0	0	0	0	22	4	2	0	2	1	0	1	5	16	Lahore		
.6	- 0.2	0.7	0.03	- 0.31	0.03	29	0	- 0.8	2.4	+ 1.2	2	16	5	3	0	0	0	3	2	1	2	2	1	0	1	0	10	13	Sialkot	
.9	- 0.2	1.6	0	- 0.60	0	0	- 1.4	1.6	+ 0.2	10	5	1	1	0	0	1	0	13	1	0	2	2	2	8	6	3	7	Rawalpindi		
.4	- 0.3	0.4	0	- 0.15	0	0	- 0.4	3.5	+ 0.2	4	15	4	1	1	2	0	0	4	0	3	4	12	6	5	0	1	0	Khushab		
.2	- 0.7	0.1	0	- 0.12	0	0	- 0.4	1.7	+ 0.1	1	2	1	3	1	2	1	2	18	2	2	3	1	0	3	2	3	15	Lyalpur		
.8	+ 0.3	0.1	0	- 0.08	0	0	- 0.3	1.6	- 1.0	0	1	0	6	1	1	0	0	22	2	1	1	2	0	3	2	0	20	Montgomery		
.3	0.3	0	0	0	0	0	0	3.8			6	0	3	4	4	2	0	12	0	3	1	5	6	6	5	1	4	0	Leiah	
.6	+ 0.3	0.4	0	- 0.08	0	0	- 0.2	2.7	+ 1.5	5	0	2	1	10	2	1	2	8	5	2	3	3	0	5	1	1	11	Multan		
.3	1.0	0	0	0	0	0	0	4.7			2	4	5	1	6	4	0	2	7	8	6	0	0	2	6	4	3	2	Fort Abbas	
.7	+ 0.2	0.6	0.03	- 0.03	0.03	1	0	- 0.2	2.8	+ 0.5	1	3	4	4	6	6	0	0	7	2	3	2	0	4	4	1	0	15	Bahawalpur	
.3	0	0.2	0	- 0.02	0	0	- 0.1	2.7	- 1.4	1	7	0	0	1	10	0	0	0	12	1	12	0	0	0	13	1	2	2	Khanpur	
.1	- 0.3	2.7	0.59	- 0.55	0.40	27	1	- 1.8	1.7	- 0.3	2	0	1	8	3	0	0	2	15	2	1	0	2	0	1	6	6	13	Kashmir	
.7	- 0.4	4.8	0.44	- 0.33	0.30	27	1	- 0.9	3.3	- 0.6	0	0	0	0	0	0	0	0	31	2	0	0	0	1	5	2	11	10	Gulmarg	
.6	+ 0.9	5.0	0.08	- 0.02	0.04	28	0	- 0.3	2.8	+ 0.9	0	9	1	0	1	0	0	0	20	1	0	0	1	3	17	5	1	3	Leh	
2.1	- 0.6	3.2	0.26	+ 0.12	0.18	26	1	+ 0.6	3.7	+ 0.6	0	0	0	0	0	1	1	1	28	0	2	0	0	1	5	3	1	19	Skardu	
2.4	- 0.5	3.9	0.22	- 0.02	0.22	26	1	+ 0.3	0.5	- 0.3	0	0	0	0	0	1	0	6	30	0	0	0	0	0	0	0	1	30	Gilgit	
2.5	- 2.9	0.05	0	- 0.02	0	3	0	4.1			2	2	2	0	0	0	5	8	12	0	0	3	9	2	7	3	1	6	Misgar	
0.5	- 0.5	1.7	0.05	- 0.18	0.04	1	0	- 0.6	3.1	+ 1.9	0	0	0	1	3	3	1	2	21	4	18	4	2	1	1	0	1	6	N.-W. F. Province	
0.4	- 0.3	1.7	0.12	+ 0.08	0.12	1	1	+ 0.9	2.9		3	1	0	0	0	2	7	11	7	0	3	12	13	2	1	0	0	0	0	Bannu
0	- 0.4	1.1	0	- 0.03	0	0	0	5.0	+ 0.5	0	0	0	0	0	0	0	0	31	1	0	25	0	0	1	0	0	0	4	Miranshah	
0.3	- 0.3	0.1	0.02	- 0.09	0.02	1	0	- 0.3	1.7	+ 0.8	3	11	0	0	0	0	0	1	16	1	7	5	5	2	1	0	1	9	Dera Ismail Khan	
0.2	- 0.6	0.5	0	- 0.10	0	0	- 0.2	2.1	+ 0.6	0	0	0	1	0	0	1	0	29	0	0	1	1	1	7	2	19	Baluchistan			
0.2	0.4	0	0	- 0.11	0	0	- 0.3	4.5		0	0	0	0	0	3	27	1	0	0	0	0	12	16	2	0	0	1	1	Loralai	
0.1	- 0.4	0.1	0	0	0	0	0	3.0	+ 0.4	4	1	0	2	1	0	0	2													

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of bar. ostant sea above mean level in feet.	Pressure reduced to 32° F and standard gravity, millibars.		Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.		Relat humid %				
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Sind																						
Jacobabad	183	1005.5		1002.6	96.1		100	9	67.1	0	58.29,30,31	70.1	93.9	63.6	75.8	17.1		22.3	69			
Sukkur	221	1003.8	+ 0.7	1001.1	96.5	+ 0.5	102	17	69.3	+ 0.4	60	28	72.6	92.1	65.1	71.2	17.7	+ 0.5	16.5	66	+ 1	
Pad Idan	150	1005.9		1003.6	98.2		103	17	62.6		51	29	66.9	96.3	61.5	69.6	16.1		12.7	72		
Umarkot	55	1009.5		1006.5	98.1		102	17, 23	67.7		59	31	72.0	95.9	67.3	73.6	20.8		16.0	78		
Hyderabad	96	1003.5	+ 1.0	1005.8	98.3	+ 0.5	103	10	70.8	+ 0.6	61	29	73.1	94.8	67.2	69.4	20.1	+ 2.0	13.0	70	+ 6	
Karachi (Manora)	13	1011.7	+ 0.7	1009.6	86.1	- 1.2	96	19, 21	74.2	+ 0.5	68	29	75.6	82.8	71.5	75.6	24.5	+ 0.4	27.1	82	- 1	
Badin	31	1010.9	+ 1.0	1008.8	96.9	+ 0.9	103	18	68.8	- 1.1	53	31	71.6	95.1	69.2	74.0	23.2	+ 2.3	19.1	84	+ 18	
Rajputana, West																						
Sri Ganganagar	550	991.9		989.7	92.9	- 2.2	99	10	62.5	+ 2.8	52	30, 31	71.0	90.0	63.6	69.9	16.7	+ 4.5	15.9	67	+ 14	
Bikaner	734	986.0	+ 0.3	983.6	95.0		100	1	65.4		54	30, 31	70.3	92.7	62.1	72.0	15.4		17.4	61		
Phalodi	890	984.9		982.6	95.4		98, 1, 17, 24	24	68.2		58	31	71.9	93.6	63.5	70.7	16.1		15.2	61		
Jodhpur	736	987.0	+ 2.2	984.0	94.8	- 0.7	99	8	66.5	+ 1.1	61	27, 31	71.5	92.5	62.0	68.1	14.7	+ 0.5	12.4	56	+ 2	
Barmer	638	989.8	+ 0.7	987.1	96.8	- 0.3	100	8	70.8	+ 0.5	60	31	76.1	94.3	65.0	68.2	16.1	- 0.7	11.7	52	- 7	
Rajputana, East																						
Jaipur	1,481	964.1	+ 0.8	961.6	90.2	- 3.9	96	27	63.8	- 0.5	54	31	71.3	86.7	63.3	66.5	16.2	+ 2.3	13.1	63	+ 14	
Ajmer	1,593	958.5	+ 0.7	955.6	89.5	- 2.0	92	6 days	65.0	+ 0.4	52	31	71.6	87.1	63.7	65.6	15.2	+ 0.5	11.8	54	+ 4	
Kotah	843	953.9	+ 1.2	950.9	91.1	- 3.5	96	8	68.7	- 1.6	62	31	73.0	88.4	65.5	69.4	18.6	+ 2.7	15.9	67	+ 18	
Brijnagar	1,053	976.5	+ 0.9	973.7	89.3	- 2.6	94	8, 9	66.1	+ 2.0	60	25, 31	70.9	86.5	65.4	69.0	18.9	+ 1.8	16.8	73	+ 9	
Rajsamand	1,882	949.8		947.4	87.4		91	6, 7	66.8		57	19	71.3	84.9	63.3	67.1	16.2		15.3	64		
Gujarat																						
Deesa (R)	466																					
Bhuj	843	1001.1	+ 1.4	998.1	94.8	- 1.3	98	9	69.5	- 1.0	65	28	73.2	93.2	67.8	69.1	20.5	+ 0.1	13.1	74	+ 18	
Dwarka	37	1011.6	+ 1.3	1009.1	87.0	- 0.8	94	20, 21, 31	74.1	- 1.4	70	29	76.1	84.5	72.5	74.4	25.3	- 0.5	24.1	83	+ 1	
Jamnagar	60	1011.5	+ 2.0		91.4	- 2.2	96	15	71.2	+ 0.4	66	23	79.6		72.6		28.8	- 1.2	70	- 9		
Rajkot	432	997.7	+ 1.1	994.5	92.9	- 2.9	95	7 days	68.4	- 0.8	63	24	72.3	91.2	67.9	70.2	21.2	+ 0.1	15.4	79	+ 4	
Veraval	26	1011.8	+ 1.1	1008.6	90.8		100	20	69.0		65	30	73.3	86.0	69.5	77.4	22.7		27.8	82		
Surat	89	1010.7	+ 0.7	1008.1	95.7	+ 1.6	100	27	73.2	+ 1.1	69	23, 24, 26	76.0	92.2	73.1	76.7	25.3	+ 1.6	27.0	79	+ 8	
Bhavnagar	65	1010.7	+ 1.1	1007.4	93.0	- 2.8	97	14	70.4	- 0.3	67	18, 26	73.7	90.8	68.5	72.4	21.2	+ 0.9	18.5	76	+ 18	
Abmedabad	163	1007.4	+ 1.2	1004.1	94.3	- 2.9	99	9	73.2	- 0.5	69	27, 31	75.3	91.2	68.5	73.9	20.4	+ 0.9	20.4	69	+ 4	
Dohad	1,093				89.6	- 3.3	98	4 days	67.5	+ 0.6	62	6 days	71.2	87.3	68.5	71.2	20.2	+ 0.1	19.0	78	+ 4	
Bera	115	1008.7		1005.5	93.5	- 1.9	97	9, 16, 26	68.4	+ 2.8	61	28	74.7	89.8	70.7	75.7	23.5	+ 1.7	23.5	81	+ 6	
Central India, West																						
Neemuch	1,626	957.7	+ 0.9	955.3	87.0	- 4.0	92	9	65.0	+ 0.4	57	31	70.5	86.0	63.5	67.3	16.9	+ 1.0	14.8	69	+ 11	
Indore	1,823	950.5	+ 0.8	948.0	87.1	- 1.6	91	9, 10	63.7	+ 0.4	57	22, 27	69.6	83.9	64.9	67.2	18.9	+ 1.0	15.5	77	+ 1	
Bhopal	1,643	956.6	+ 0.6	953.9	87.9	- 0.8	93	9	65.8	+ 0.6	60	22, 31	72.0	85.0	65.5	67.1	18.5	+ 1.3	14.8	70	+ 9	
Guna	1,571	959.1	+ 0.8	956.9	87.9	- 1.7	92	7, 8, 9	64.5	+ 2.3	57	31	67.6	84.4	63.4	67.7	18.1	+ 1.0	15.9	79	+ 18	
Gwalior	681	959.1		956.2	89.8		95	9, 10	63.9		55	31	73.2	84.7	68.1	74.1	21.2		24.0	76		
Madhosagar	757	986.5		983.8	90.5		97	9	68.9		63	12	73.7	86.6	66.9	69.2	19.4		16.5	69		
Central India, East																						
Nowrang	750	985.2	+ 1.5	984.0	88.6	- 2.1	95	7, 8, 9	64.4	- 0.4	54	31	68.3	86.1	65.8	70.5	20.6	+ 1.1	18.4	87	+ 18	
Sutna	1,041	977.1	+ 1.5	974.6	85.7	- 2.7	93	10	65.6	- 0.3	58	31	71.5	81.4	67.8	70.1	21.6	+ 1.5	19.9	83	+ 18	
Umaria	1,506	960.6		957.8	84.1	- 2.7	91	7, 10, 11	63.2	+ 0.1	57	29, 31	70.9	81.4	66.0	68.9	19.5	- 0.1	18.6	77	+ 7	
Berar																						
Akola	925	980.3	+ 0.4	976.7	91.6	- 1.0	96	4 days	68.1	+ 1.2	61	26	72.1	89.5	68.2	78.6	21.7	+ 2.9	28.4	81	+ 17	
Amravati	1,213	970.6	+ 0.5	967.2	89.4	- 1.5	94	11	68.5	- 0.2	61	23	74.1	87.3	66.1	68.1	18.3	- 0.1	14.8	64	+ 8	
C. P., West																						
Khandwa	1,044	976.2	+ 0.3	972.6	91.5	- 1.0	96	7, 8, 9	66.4	+ 0.8	51	23	73.2	88.4	66.8	69.4	19.5	+ 1.1	15.9	68	+ 8	
Hoshangabad	992	977.8	- 0.5	974.7	88.3	- 1.4	94	8	67.4	+ 0.7	61	26	72.1	86.2	66.9	70.4	20.3	+ 0.6	18.1	75	+ 4	
Saugor	1,808	950.7	+ 0.5	948.3	85.1	- 3.1	90	4 days	65.9	- 0.4	62	22, 23, 31	72.2	80.9	64.5	65.4	17.4	+ 1.3	14.6	66	+ 9	
Jubbulpore	1,289	968.4	+ 1.0	965.4	86.5	- 1.3	93	10	64.8	+ 1.3	58	31	71.6	83.5	66.8	70.1	20.2	0	19.0	77	+ 8	
Seoni	2,027	943.0	0	940.6	84.2	- 2.2	90	6, 8, 9	64.4	+ 0.3	57	23	69.6	80.6	64.5	66.7	18.4	+ 0.5	16.2	76	+ 12	
Nagpur	1,022	976.5	- 0.1	974.0	89.5	- 1.5	96	10	69.3	+ 0.3	62	23	73.3	86.8	67.8	70.7	20.7	+ 1.2	18.4	74	+ 10	
C. P., East																						
Pendra	2,040	941.9	- 0.7	940.0	81.3	- 1.8	88	11	64.5	+ 0.4	59	24, 29	71.2	77.8	66.2	64.2	19.6	+ 0.5	14.6	78	+ 8	
Champa	878	984.3		981.3	86.1		91	8	69.3		62	27	73.5	83.2	69.9	72.4	23.4		22.1	83		
Raipur	970	978.5	+ 0.4	975.3	86.9	- 1.6	92	8, 10, 11	70.2	+ 0.5	65	23, 29, 31	76.6	83.6	70.9	73.5	23.3	+ 0.5	23.6	75	+ 1	
Titilagarh	691	988.0		985.0	86.6		92	9	71.4		59	24	74.7	84.0	71.2	73.4	24.5		23.8	83		
Kanker	1,318	966.4	+ 0.2	963.7	85.1	- 1.4	90	8	66.8	- 0.4	59	30, 31	71.2	82.2	67.7	70.4	21.6	- 1.4	19.9	85	+ 8	

(R) Register not received.

a—Mean of 30 days.

—Mean of 26 days.

Cloud amount (tenths of sky).		Rainfall, inches.				Number of rainy days (0-10 or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.				
Mean 8 hrs. I. S. T.	Departure from normal.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	8 hrs. I. S. T.								17 hrs. I. S. T.								53				
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	
0.1	0	0	0	0	0	0	0	4.5		4	3	8	3	0	1	0	4	8	2	2	2	10	6	3	1	2	3	Sind Jacobabad		
0.1	-0.1	0.1	0	-0.01	0	0	0	0	0	2.3	-0.6	0	3	3	12	0	1	0	0	12	7	5	0	1	1	5	7	5	Sukkur	
0.2	0.3	0	0	0	0	0	0	4.4		1	1	1	10	2	1	2	0	0	13	4	1	0	2	2	0	3	8	11	Pad Idan	
1.1	1.5	0	0	0	0	0	0	5.1		2	4	3	2	10	10	0	0	0	0	0	3	0	0	0	12	7	9	0	Umarkot	
0	-0.6	0.6	0.12	+0.09	0.12	2	1	+0.7	5.1	+0.1	5	1	0	2	6	8	1	3	5	3	4	1	2	8	8	1	3	1	Hyderabad	
0.8	-0.9	0.2	0	-0.02	0	0	0	-0.1	6.3	-0.3	4	5	0	0	1	7	8	6	0	0	0	1	0	0	15	14	1	0	Karachi (Manora)	
0.1	-1.1	0.1	0	-0.03	0	0	0	-0.1	4.5		3	1	0	1	1	11	7	3	4	7	2	0	0	2	11	5	2	2	Badin	
0.1	-0.2	0.1	0.00	-0.10	0.00	0	0	-0.3	3.4	-1.0	1	2	4	7	4	3	0	1	9	7	4	0	0	0	3	1	7	9	Rajputana, West Sri Gangansagar	
0.1	-0.7	0.4	0.00	-0.21	0.00	0	0	-0.4	2.9	-0.9	0	10	1	1	9	2	3	4	7	5	0	1	0	10	1	6	1	Bikaner		
0.4	2.0	0.00	-0.07	0.00	0	0	-0.1	7.8		0	1	0	2	8	10	4	1	5	1	4	0	2	2	6	9	7	0	Phalodi		
0.6	-0.7	1.8	0.00	-0.32	0.00	0	0	-0.5	2.9	-1.9	1	7	2	0	0	3	4	0	14	1	4	2	2	1	7	8	0	6	Jodhpur	
0.3	-0.6	0.9	0.00	-0.10	0.00	0	0	-0.5	4.8	+0.1	1	2	0	2	0	3	8	9	6	1	8	1	1	2	13	2	2	1	Barmer	
0.5	-0.7	1.1	0.00	-0.48	0.00	0	0	-0.7	3.6	+0.4	4	4	6	0	1	0	0	3	13	1	3	3	3	0	3	2	12	4	Rajputana, East Jaipur	
0.5	-0.6	1.3	0.07	-0.31	0.07	23	0	-0.7	2.4	+0.3	0	0	0	0	0	4	4	0	23	1	3	4	0	0	0	5	14	0	4	Ajmer
1.7	+0.1	2.1	0.04	-0.61	0.03	9	0	-1.0	1.9	+0.4	1	2	1	0	2	4	7	1	13	4	3	2	0	0	1	3	9	9	Kotah	
1.7	0	1.9	0.00	-0.55	0.00	0	0	-1.5	2.1	+0.5	1	1	1	0	0	2	0	4	22	3	3	7	0	0	0	1	7	10	Brijnagar	
1.2	3.5	0.30	0.30	0.30	0	7	1		5.0		6	2	0	0	0	2	11	4	6	9	1	7	0	1	1	2	7	3	Rajsamand	
1.0	-0.4	1.5	0.07	-0.26	0.07	6	0	-0.5	3.7	-0.8	0	3	0	1	1	1	2	1	22	5	5	0	2	2	6	7	3	1	Bhuj	
2.0	-0.4	0.9	0	-0.25	0	0	0	-0.3	5.8	-1.1	7	2	1	2	0	3	2	5	9	2	2	2	0	0	3	11	9	2	Dwarka	
2.2	+1.1	0.10	-0.21	0.10	0	7	1	+0.5	1.8	-4.5	0	0	0	1	0	1	1	0	28									Jamnagar		
1.6	-0.7	3.6	0.06	-0.52	0.04	6	0	-1.1	4.3	+0.1	0	2	3	2	0	2	5	2	15	4	9	5	3	0	0	4	4	2	Rajkot	
1.9	-0.4	2.7	0	-0.62	0	0	-0.8	8.9		16	12	0	0	0	0	0	3	0	0	2	0	1	5	5	13	5	0	Veraval		
5.0	+2.3	4.9	0.18	-1.33	0.10	7	1	-1.0	2.7	+0.1	1	5	2	2	0	2	0	1	18	3	7	2	0	1	5	6	5	2	Surat	
2.6	-0.1	3.2	0	-0.90	0	0	-0.9	2.8	-0.6	1	2	0	0	0	0	10	2	16	5	8	4	10	0	0	0	0	4	Bhavnagar		
1.5	-0.1	2.0	0	-0.35	0	0	-0.7	2.8	-0.2	3	10	3	2	0	0	3	4	6	5	4	3	2	1	3	4	4	5	Ahmedabad		
3.8	+1.2	3.6	0.10	-1.80	0.10	6	1	-1.0	5.3	+2.4	2	4	8	4	4	0	7	0	2	6	7	1	0	0	1	11	4	1	Dohad	
1.8	+0.1	1.9	0.05	-1.71	0.05	6	0	-1.3	1.5	-0.4	1	6	2	2	1	0	1	16	4	8	2	1	0	2	1	4	9	Baroda		
2.6	+1.1	4.2	0.53	-0.29	0.25	10	1	+0.1	4.0	+0.1	0	15	0	1	0	3	4	4	4	0	13	0	7	1	4	1	0	5	Neemuch	
3.6	+1.6	4.7	0.32	-0.89	0.25	8	1	-1.0	2.3	+0.5	0	7	1	0	2	1	1	2	17	4	13	2	1	0	3	0	1	7	Indore	
3.4	+1.2	3.8	0.07	-1.59	0.07	11	0	-2.4	3.0	+0.7	1	3	2	1	1	3	4	2	14	3	7	3	0	1	0	4	4	9	Bhopal	
2.6	+1.1	3.1	0.13	-0.92	0.11	14	1	-0.6	2.4	+0.7	2	3	4	7	4	2	2	0	7	15	5	1	2	0	1	3	4	0	Guna	
1.7	1.9	0.36	0.30	0.30	0	12	1		1.7		1	0	1	2	3	1	3	2	18	5	0	1	1	1	0	1	4	18	Gwalior	
2.0	2.6	0.31	0.27	0.27	0	12	1		4.6		0	4	1	1	3	13	2	4	3	5	7	2	2	2	1	3	8	1	Madhosagar	
2.9	+0.8	2.6	0.29	-0.84	0.10	10	12	2	+0.5	2.6	+1.4	0	6	2	1	6	9	1	1	5	8	7	3	0	0	1	3	7	2	Nowong
2.6	+0.4	3.5	1.71	-0.92	0.61	20	3	+0.8	2.8	+0.7	0	3	5	0	1	3	4	0	15	3	8	2	1	0	0	3	4	10	Sutna	
3.8	+0.8	5.5	1.11	-1.36	0.60	21	3	+0.3	2.5	+0.7	2	2	1	0	0	0	2	4	20	6	10	2	0	1	0	2	3	7	Umaria	
2.3	-0.7	3.6	0.63	-1.19	0.36	20	2	-0.5	3.1	+0.4	1	1	0	4	0	3	3	1	18	6	7	0	6	0	2	3	3	4	Berar	
2.8	-0.2	4.2	0.28	-1.65	0.18	20	2	-0.6	5.1	+1.9	2	21	3	0	0	3	1	1	0	4	19	0	2	0	0	1	5	0	Amracti	
2.4	+0.1	4.9	0.03	-1.36	0.03	21	0	-2.0	3.2	+0.6	1	4	0	1	1	2	4	1	17	3	10	0	0	0	0	3	14	1	C. P., West Khandwa	
2.7	+0.4	3.1	0	-1.28	0	0	-2.0	2.4	+1.1	3	7	5	3	7	1	1	0	4	4	10	4	1	3	1	1	2	5	Hoshangabad		
3.4	+1.2	3.7	0.20	-0.89	0.13	21	1	-0.9	11.9	+0.2	0	7	4	5	3	8	1	3	0	12	3	4	0	0	0	3	9	0	Saugor	
2.5	+0.4	3.2	0.92	-0.96	0.70	21	4	+1.7	3.2	+1.8	0	3	4	8	4	2	1	2	7	10	10	2	1	0	1	3	1	3	Jubbulpore	
2.3	-0.1	3.8	2.22	-0.05	0.96	11	4	+0.9	4.1	+1.7	3	7	1	0	0	0	0	1	19	12	11	4	2	0	0	0	1	1	1	Seoni
3.0	0	4.2	1.09	-1.08	0.59	21	3	-0.1	3.1	-0.2	1	4	1	0	0	0	0	5	3	6	11	2	3	0	1	1</				

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of bar. cistern sea above mean level in feet.	Pressure reduced to 32°F and standard gravity millibars.				Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.		Relative humidity %		
		Mean 8 hrs. I. S. T.	Departure from normal	Mean 17 hrs. I. S. T.	Mean.	Departure from normal	Highest.	Date.	Mean.	Departure from normal	Lowest.	Date.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Konkan																						
Dahanu	...	15	1011.1		1008.5	88.9	94	18	72.6	68	28	75.7	85.6	71.8	78.4	24.6		29.1	82			
Bombay	...	37	1010.7	+ 0.9	1007.7	89.0	+ 0.2	95	27	75.8	+ 0.2	73	18	78.3	84.5	75.0	77.5	27.8	- 0.4	28.6	86	+ 2
Alibag	...	23	1011.5	+ 1.3		87.8	- 0.7	93	26	74.4	- 0.1	69	25	77.1		73.6		26.4	- 0.2	84	+ 5	
Harnai	...	66	1008.7		1005.9	89.3		94 14, 26, 29	74.3		73 4 days	78.7	84.6	73.1	77.8	24.9		28.9	75			
Ratnagiri	...	211	1004.5	+ 0.8	1001.8	87.7	- 0.5	95	29	74.6	+ 0.2	70	27	78.5	83.4	73.0	76.4	24.9	- 1.1	27.5	77	+ 1
Devgad	...		1007.6		1004.7	87.0		94	29	71.9		71	27	77.7	83.6	74.0	77.4	26.7		29.1	83	
Marmagao	...	202	1004.8	+ 0.9	1001.6					74.1	- 0.6	72	5 days	79.9	81.9	75.0	76.1	27.2	- 0.5	27.9	79	- 6
Honavar	...	85	1009.2		1005.8	87.5		95	27	72.7		68	31	76.9	84.2	74.0	77.8	27.0		29.3	87	
Bombay Deccan																						
Jalgaon	...	660	989.3		986.3	91.4		97	7	67.0		57	26	78.5	90.4	67.8	72.5	20.5		18.4	73	
Malegaon	...	1,432	963.6	+ 0.5	960.2	89.1	- 2.6	92	4 days	65.5	- 0.4	57	23	72.3	85.2	65.3	67.6	18.1	- 0.8	15.3	68	+ 2
Ahmednagar	...	2,154	939.6	+ 0.5	935.5	87.4	- 0.8	92	8	66.0	+ 0.4	58	27	70.2	84.1	65.4	68.6	19.2	+ 0.7	17.0	76	+ 9
Poona	...	1,834	950.3	+ 0.8	946.7	89.4	0	94	8	66.9	+ 0.6	58	26	70.5	85.1	67.1	69.8	21.0	+ 0.2	18.1	84	+ 4
Sholapur	...	1,570	956.5	+ 0.5	955.2	89.8	- 0.8	97	7	69.1	+ 0.3	61	26, 30	74.2	86.4	66.5	68.6	18.7	- 0.9	16.0	67	0
Miraj	...	1,817	950.0	+ 0.2	946.4	85.8	+ 1.4	98	8, 9	68.3	0	60	27	72.1	86.0	66.8	68.9	20.0	- 0.9	16.6	76	+ 1
Bijapur	...	1,950	945.9	+ 0.5	942.2	87.9	- 0.8	92	8, 9, 11	68.6	- 0.2	61	27	73.9	85.1	66.9	68.2	19.3	- 1.2	16.1	69	- 2
Belgaum	...	2,562	926.0	+ 0.7	922.8	83.9	+ 0.5	89	8	64.1	+ 1.3	57	29	68.9	80.0	65.3	68.2	19.6	- 1.2	18.4	83	0
Gadag	...	2,131	939.4	+ 0.2	936.7	88.9	+ 2.1	93	11	68.7	- 0.3	63	26, 31	74.7	85.2	67.5	68.7	19.7	- 1.7	16.7	69	- 9
Hyderabad, North																						
Aurangabad	...	1,905	948.2	+ 0.7	944.9	87.8	- 1.9	92	7, 8	67.0	+ 0.1	59	24	73.4	84.4	66.8	68.1	18.8	+ 1.0	16.3	68	+ 7
Parbhani	...	1,350	964.6		961.3	89.0	94	4 days	66.1		58	30	73.3	85.9	67.1	69.1	19.6		16.3	72		
Bidar	...	2,178	937.6		934.5	84.3	- 2.0	91	11	68.9	+ 0.6	63	25	72.6	82.1	66.2	67.1	19.0	- 2.2	16.1	72	- 1
Nizamabad	...	1,250	968.4	- 0.2	965.4	85.8	- 3.5	92	10	68.5	+ 0.5	60	29	73.9	84.6	68.9	69.8	21.6	- 0.5	17.9	76	+ 3
Peddapalli	...	755	983.3			93.0		95 9, 13, 14	74.9		68	23	81.3		74.3		25.5				70	
Hyderabad, South																						
Gulbarga (R)	...	1,503																				
Raichur	...	1,811	966.5	+ 0.1	963.2	89.2	- 0.7	94	11	72.3	+ 0.1	66	26, 31	76.4	86.9	69.1	69.5	20.7	- 2.0	16.4	68	- 5
Hyderabad(Begump t)	...	1,778	950.8	+ 0.2	947.6	87.9	- 0.3	94	10	67.0	- 0.7	62	26, 29	73.9	82.6	69.8	72.6	22.9	+ 0.8	22.8	81	+ 6
Hanamkonda	...	881	980.7	- 0.3	977.5	87.4	- 2.1	93	9, 10	70.5	- 0.4	68	30, 31	75.2	85.0	70.5	71.5	23.0	- 1.3	19.9	78	+ 2
Khammameth	...	367	998.0		994.5	90.7		96	10	72.2		68	31	78.4	86.5	73.5	75.6	25.6		24.3	79	
Mysore																						
Chitaldrug	...	2,405	930.7	+ 0.5	927.0	87.0	+ 1.8	91	11	68.7	+ 0.5	61	31	72.4	84.5	66.5	67.0	19.4	- 2.0	15.0	73	- 5
Hassan	...	3,149	906.6		903.7	81.6	- 0.6	86	13	64.1	- 0.6	60	4 days	68.3	78.6	65.0	67.1	19.4	- 1.6	17.6	84	+ 1
Bangalore	...	3,021	910.9	+ 0.5	907.5	82.8	+ 1.1	87	13	66.1	+ 1.2	62	21	69.7	79.2	66.2	66.8	20.3	- 0.8	16.9	83	- 1
Mysore	...	2,518	927.2	+ 0.4	923.6	83.1	- 1.1	88	2, 5	66.4	- 0.6	60	22	69.1	81.2	67.3	68.7	21.8	- 0.2	18.4	91	+ 7
Malabar																						
Mangalore	...	72	1009.2	+ 0.6	1006.1	86.8	+ 0.4	89	12, 13	74.5	- 0.1	71	14	77.8	83.3	75.0	77.3	28.0	- 0.4	28.9	87	0
Calicut	...	27	1010.6	+ 0.4	1007.5	87.5	+ 1.2	89	6 days	74.5	- 0.3	71	22	77.9	84.8	75.5	79.3	28.7	0	31.3	89	0
Palghat	...	319	1000.8		997.1	88.3		95	11	73.1		69	9	76.5	83.8	73.8	75.6	27.0		26.3	88	6
Cochin	...	10	1011.6	+ 0.3	1008.4	84.3	0	88	30	75.1	- 0.2	72	18, 20	79.2	82.2	75.2	76.6	27.7	- 0.8	28.4	83	- 2
Alleppey	...	12	1011.6		1008.5	86.5		89	7, 9, 13	74.8		73	5 days	79.5	83.3	76.8	77.6	29.8		29.5	88	7
Trivandrum	...	200	1004.5	+ 0.1	1001.5	86.8		91	8	73.6		71	18, 23, 30	76.6	81.5	74.1	75.6	27.6	- 0.4	27.2	89	+ 1
Madras, Southeast																						
Pamban	...	37	1009.6	+ 0.4	1006.6	89.9	+ 2.0	91	12 days	77.5	- 0.2	75	15	83.7	84.0	78.7	79.3	30.9	+ 1.1	31.8	81	- 2
Madura	...	437	995.9	+ 0.1	992.3	91.3	+ 1.1	97	4, 5, 6	74.8	- 0.3	71	13, 15, 29	79.4	86.9	73.4	74.9	25.1	- 1.6	23.7	74	- 3
Negapatam	...	81	1009.8	+ 0.3	1006.5	88.6	- 0.1	94	4	77.1	+ 0.6	73	28	80.1	84.8	76.0	77.4	28.5	- 0.8	28.3	81	- 1
Trichinopoly*	...	295	1001.3	+ 0.6	997.3	91.3	- 0.1	98	4	75.3	+ 0.6	71	20	79.1	88.1	74.0	75.8	26.1	- 0.9	24.4	78	- 1
Coimbatore	...	1,341	965.7	+ 0.3	962.1	88.1	+ 0.4	93	6	70.6	- 0.1	65	22	74.2	83.2	70.6	72.9	23.8	- 1.6	23.0	81	0
Salem	...	913	980.1	- 0.3	975.7	89.5	- 0.3	97	4	72.3	+ 0.4	68	21	75.3	85.5	71.9	73.9	24.8	- 1.0	23.0	85	+ 4
Cuddalore	...	89	1009.6	+ 0.4	1006.2	89.2	+ 0.7	95	22	75.6	+ 0.4	71	5	78.7	85.5	75.9	78.0	28.9	- 0.3	28.9	88	+ 4
Vellore	...	703	986.7	- 0.5	982.7	90.6	+ 1.7	94	1, 3, 4	73.4	+ 0.6	68	10, 31	77.0	87.1	73.1	75.2	25.7	- 0.9	24.0	82	- 1
Madras	...	51	1009.0	- 0.2	1005.6	89.4	- 0.7	96	4	75.3	+ 0.3											

Cloud amount (tenths of sky).			Rainfall, inches.			Number of rainy days (0.10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.					
Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm			
24	23	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	43	43	44	45	46	47	48	49	50	51	52	53		
3.3	2.7	0.02		0.02		20	0		6.2		0	2	21	8	0	0	0	0	0	13	1	0	0	0	0	6	11	0	Konkan		
3.9	0	2.2	0.70	- 1.84	0.70	11	1	- 2.1	4.4	- 1.7	0	7	8	8	1	0	0	0	7	14	0	0	0	0	2	0	15	0	Dahanu		
4.9	0	0	- 5.03	0			0	- 5.1	2.6	- 2.6	0	4	0	5	0	0	1	0	21										Bombay		
5.2	3.5	0.10		0.09		20	0		4.7		3	5	8	4	1	0	4	6	0	4	0	0	1	1	1	11	13	0	Alibag		
4.2	+ 0.7	3.2	2.37	- 1.96	1.27	20	4	- 1.4	5.1	+ 0.2	6	7	6	8	1	2	0	0	1	1	1	0	0	0	3	1	9	16	0	Harnai	
5.6	5.0	1.67		1.15		14	2				1	4	21	0	3	1	0	1	0	0	0	0	0	0	0	1	17	13	0	Ratnagiri	
4.7	- 0.6	5.2	3.18	- 3.30	1.40	24	4	- 3.9	5.8	+ 1.1	2	5	13	5	4	1	1	0	0	2	0	0	0	0	2	4	14	9	0	Devgar	
5.5	4.9	0.76	- 6.46	0.36		14	3	- 4.9	2.3		0	2	21	3	0	0	0	0	5	0	0	0	1	1	3	13	10	3	Marmagao		
																													Honavar		
2.6	3.6	0.10	- 1.44	0.10		9	1	- 0.8			0	2	14	7	0	0	8	0	0	5	4	8	1	1	0	8	4	0	Bombay Deccan		
2.5	- 0.7	4.3	1.34	- 0.37	0.52	11	3	+ 0.3	3.0	- 0.9	1	3	2	0	0	0	15	1	9	1	18	2	0	2	0	0	3	5	5	Malegaon	
3.7	+ 0.6	4.6	1.53	- 0.64	0.97	10	4	+ 0.6	4.4	- 0.4	0	4	0	0	0	1	0	10	16	0	19	0	1	0	0	0	4	7	7	Ahmednagar	
3.3	- 0.7	5.3	0.79	- 2.75	0.28	21	3	- 2.1	1.9	- 2.1	0	0	0	0	0	2	1	0	28	1	5	6	0	0	3	4	4	8	Poona		
5.1	+ 1.2	6.7	1.73	- 1.31	0.67	22	5	+ 0.7	6.4	+ 0.5	8	5	0	3	1	2	1	4	7	3	12	7	2	1	2	1	1	2	Sholapur		
4.6	- 0.4	5.0	1.01	- 3.11	0.38	12	3	- 3.4	5.9	+ 0.5	4	2	5	0	0	2	5	5	8	2	8	11	0	0	1	6	3	0	Miraj		
4.8	+ 0.7	5.7	1.45	- 1.44	0.50	20	3	- 1.1	3.1	- 0.2	2	12	3	2	1	1	3	7	0	0	19	0	3	0	1	1	7	0	Bijapur		
4.4	- 0.5	5.1	1.80	- 2.97	0.67	15	4	- 3.5	3.4	+ 0.3	8	2	10	0	1	3	7	0	0	6	1	10	0	1	5	8	0	Belgaum			
5.4	+ 0.3	6.7	1.59	- 2.22	1.18	14	2	- 5.3	5.4	+ 0.3	8	8	7	0	1	2	6	4	0	4	10	6	0	1	3	5	2	0	Gadag		
2.8	- 0.9	3.8	1.38	- 0.41	0.90	5	3	+ 0.2	5.4	+ 0.5	4	9	4	3	2	0	1	1	7	14	10	4	0	1	0	0	2	0	Hyderabad, North		
3.5	5.3	1.02	- 1.07	0.59		5	3	0			7	11	2	0	0	0	5	3	3	8	14	5	0	0	0	0	3	1	Parbhani		
3.8	0	5.2	4.64	+ 2.43	2.51	19	4	+ 0.3	5.3	- 0.2	5	6	4	2	2	1	4	6	1	6	19	4	0	0	0	1	1	0	Bidar		
3.1	- 0.1	3.4	0.98	- 1.02	0.56	19	3	0	3.4	+ 1.1	2	2	0	0	0	1	0	1	25	7	17	0	0	0	0	1	1	5	Nizamabad		
3.2			1.70		1.50	20	2		4.4		10	3	1	0	0	3	1	13	0									Peddapalli			
																												Hyderabad, South			
4.3	+ 0.9	5.3	3.78	+ 0.73	3.46	19	2	- 2.3	6.5	+ 0.8	1	8	4	5	0	4	2	4	3	2	14	5	2	0	1	1	5	1	1	Gulbarga (R)	
3.3	- 1.0	5.2	4.46	+ 2.01	2.03	19	6	+ 1.7	5.7	+ 1.9	5	3	2	0	0	0	3	0	18	7	15	2	0	0	0	2	3	2	Raichur		
3.5	- 0.6	4.2	6.63	+ 4.02	4.03	22	4	- 0.1	4.6	+ 1.6	10	3	0	1	5	2	1	4	5	14	13	2	0	1	1	0	0	3	Hanamkonda		
3.7	4.9	3.23		0.98		15	5		3.4		16	0	2	1	1	2	0	0	9	15	5	4	1	1	3	0	1	1	Khammameth		
6.9	+ 1.1	6.3	0.77	- 3.99	0.36	7	4	- 2.4	4.8	+ 1.1	1	0	7	2	1	6	7	2	5	1	6	12	0	0	0	5	6	1	Mysore		
4.8	- 1.3	4.9	4.66		1.40	15	5		4.2	+ 0.9	1	3	1	2	0	6	8	0	7	1	3	4	2	0	5	6	2	5	Hassan		
6.1	+ 1.5	7.5	2.38	- 3.49	1.41	25	3	- 5.5	5.5	+ 1.4	0	3	10	1	0	4	9	2	2	8	7	4	0	0	2	6	2	2	Bangalore		
7.2	+ 0.4	6.7	5.88	0	2.12	16	7	- 1.6	4.9	+ 0.3	1	6	3	0	0	5	8	2	6	5	7	5	1	0	2	7	3	1	Mysore		
6.0	0	5.3	4.35	- 3.80	3.28	14	3	- 7.4	4.2	+ 1.2	1	8	17	1	1	1	0	0	2	2	0	0	0	1	6	8	14	0	Malabar		
6.7	+ 0.2	6.5	5.29	- 4.95	1.66	13	9	- 2.2	5.8	+ 1.4	1	12	10	6	0	1	0	1	1	0	0	0	5	14	10	0	Mangalore				
8.0	6.6	5.81		1.65		13	11		4.0		0	4	4	7	0	4	6	2	4	0	0	2	2	0	9	11	6	1	Calicut		
7.4	+ 1.4	7.9	7.50	- 5.87	1.35	19	11	- 3.2	5.5	+ 1.8	2	10	8	2	0	1	1	0	7	0	0	1	0	0	4	19	7	0	Palghat		
7.8	8.0	18.75		6.42		18	16		5.6		1	5	10	3	0	2	4	3	3	1	0	1	0	0	3	9	17	0	Cochin		
6.9	0	7.4	18.10	+ 7.37	7.85	18	11	- 1.2	5.1	+ 1.4	11	8	2	2	0	1	1	4	2	1	0	0	4	2	0	2	7	14	1	Alleppey	
5.1	+ 0.6	5.4	2.63	- 5.90	0.80	15	5	- 4.4	7.9	+ 0.7	5	4	1	3	8	8	1	1	0	4	7	0	7	10	3	0	0	0	0	0	Trivandrum
6.5	+ 0.1	7.1	6.53	- 0.89	1.65	25	10	- 0.2	3.1	+ 0.4	4	1	0	0	0	1	7	10	8	1	6	7	2	2	0	3	2	8	8	Madras, Southeast	
6.6	+ 0.8	6.6	5.49	- 5.09	2.26	28	6	- 4.2	5.0	+ 0.7	0	1	0	0	2	5	8	9	6	0	13	5	5	5	2	1	0	6	0	Negapatam	
6.6	+ 1.0	6.8	2.33	- 4.88	0.49	27	7	- 2.5	3.4	+ 0.7	3	6	0	0	0	0	7	13	2	2	10	9	2	0	0	3	4	1	Trichinopoly*		
7.1	+ 1.7	6.5	9.52	+ 3.51	2.50	26	12	+ 2.3	0.9	- 1.3	0	0	1	0	1	1	0	0	28	1	1	0	0	3	6	3	0	17	Coimbatore		
6.0	+ 0.2	6.5	4.44	- 2.00	1.24	6	8	- 1.7	3.7	+ 1.3	1	5	4	0	1	7	5	1	7	1	5	5	0	2	0	8	1	11	Salem		
7.2	+ 1.5	5.6	3.46	- 8.07	0.81	28	8	- 2.9	5.5	+ 2.4	1	0	0	0	1	9	10	7	3	1	4	11	11	0	2	1	0	1	Cuddalore		
6.2	+ 1.4	7.2	1.13	- 5.67	0.36	13	5	- 4.2</td																							

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. I. S. T. (2-30 HRS. G. M.)

STATION.	Height of barometer above mean sea level in feet.	Pressure reduced to 32° F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %		
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Departure from normal.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Madras Coast.																						
North																						
Nellore	66	1008.3	+0.1	1005.3	91.8	+1.1	99	8, 4	76.6	+0.7	70	31	80.7	86.1	76.6	73.9	29.1	+0.2	22.8	82	0	
Ongole (R)	...																					
Masulipatam	10	1009.0	-1.4	1006.9	87.8	-0.8	93	4	76.9	+0.9	71	31	80.2	85.4	76.9	77.1	29.6	+0.1	27.6	85	+ 2	
Cocanada	26	1009.6	-0.2	1006.9	86.6	-1.3	95	4	75.2	-0.7	69	31	79.7	84.7	75.4	76.8	27.7	-0.6	27.5	81	+ 1	
Vizagapatam	126	1006.2	-0.2	1003.6	87.0	-0.6	92	7	75.9	-0.6	71	31	80.6	83.6	74.8	75.6	26.4	-0.9	26.3	76	0	
Calingapatam	19	1010.0	-0.1	1007.3	87.1	-1.0	92	3, 10	75.9	+0.2	70	30, 31	78.7	83.6	75.2	77.0	27.9	-1.0	28.4	84	0	
Hill Stations, excluding Kashmir and Baluchistan																						
Shillong	4,921	853.2	+1.2	850.4	70.2	-0.9	77	3, 6	54.8	0	48	25	65.4	63.0	60.3	60.9	15.9	-0.1	17.5	75	0	
Cherrapunji	4,309	872.2	+1.6	869.7	71.4	-0.5	76	13, 27, 30	60.2	-0.3	54	21, 25	67.2	64.6	61.9	62.3	16.8	-0.7	21.6	78	+ 2	
Aijai	3,599	893.5		891.7	75.3		82	6	64.5		57	22, 23	67.6	68.8	65.8	66.9	20.8		21.7	89		
Darjiling	7,432	778.3	-0.3	775.8	62.8	+1.1	69	1, 7	50.5	+0.8	44	4 days	56.0	55.4	53.7	53.8	13.1	0	18.5	86	+ 2	
Kalimpong	3,965	882.1	+0.5	880.3	71.7	-0.3	76	2, 11	59.5	-0.8	53	22, 23	64.1	66.2	61.1	62.5	17.2	-0.5	17.9	85	+ 3	
Katmandu	4,338	869.2		867.1	76.8	-3.3	87	5	57.8	+1.4	48	31	61.1	70.7	59.2	67.0	16.4	+0.8	21.2	90	+ 3	
Muktasar	7,592	774.1	-0.4	772.6	63.1	-1.9	70	8, 9	48.6	-1.1	41	30	52.7	57.0	47.8	52.0	11.0	+2.2	9.1	71	+ 11	
Mussooree	6,602	799.5		798.4	63.2	-0.9	73	8	50.1	-1.2	38	29	56.2	56.5	49.9	53.8	9.8	+0.4	18.0	66	- 1	
Simla	7,224	784.4	+0.7	783.5	62.4	-1.9	70	1	49.6	-1.8	39	29, 30	55.0	56.8	47.7	50.7	7.9	+0.9	9.6	60	+ 13	
Murree	7,113	787.2	+0.3	787.1	64.4	-3.2	71	1	46.9	-2.4	38	30	51.4	59.5	45.0	50.7	7.9	+1.0	9.8	61	+ 12	
Wana	4,456	863.7		861.4	79.5	-0.5	86	7, 8	48.1	+1.1	39	31	50.5	77.5	44.3	55.1	7.4	+1.1	5.9	59	+ 10	
Cherat	4,272	871.7	+0.4	870.7	76.9	+0.3	83	8	58.6	-0.2	48	30	62.1	73.6	52.8	57.3	9.9	+1.2	13.3	53	+ 2	
Parachinar	5,673	829.0	+0.4	827.6	74.9	+0.7	80	8	48.9	+0.2	40	30, 31	52.8	70.1	46.5	57.5	8.6	+1.8	11.5	66	+ 18	
Drosh	4,723	860.8	+0.3	856.1	77.8	+1.1	85	16	55.1	+1.9	46	30, 31	56.2	75.4	48.0	53.8	8.2	+0.5	5.6	48	- 12	
Abu	3,945	882.8	+0.6	880.9	78.3	-0.8	82	8	62.0	-2.4	58	31	68.1	75.0	53.0	60.2	7.8	-3.6	11.7	52	+ 1	
Pachmarhi	3,525	995.8	+0.4	894.3	77.6	-2.0	83	4 days	58.8	-0.1	54	7 days	66.9	75.2	62.7	65.2	17.7	-4.4	17.2	79	+ 18	
Mahabaleshwar	4,534	864.2	+0.7	862.5	75.4	+1.2	80	8, 9	60.7	-0.6	56	1	62.9	70.6	58.5	62.1	15.0	-0.9	15.5	76	- 4	
Mercara	3,781	886.3	+0.5	883.9	75.5	+0.2	80	4 days	61.8	-0.7	55	22	65.3	71.7	64.1	67.2	19.8	+0.4	20.8	93	+ 3	
Ootacamund	7,364	780.7	+0.6	778.7	65.8	+1.2	70	4, 5	49.5	-1.0	89	22	58.7	59.3	52.0	59.2	12.6	0	14.2	90	+ 8	
Coonoor	5,730	827.6			69.8	+0.1	74	5, 10, 22	55.3	-0.8	45	22	61.7		57.7		14.7	-0.4		80	+ 2	
Kodaikanal	7,688	771.9	+0.8	770.7	62.7	+0.6	67	6, 8	51.5	+0.9	49	30	54.2	56.6	51.8	54.6	12.1	-0.5	18.7	86	+ 3	
Ceylon																						
Colombo	24	1011.2	+0.4	1005.3	85.0	-0.7	88	4, 6, 7	74.2	-0.8	72	4 days	77.9	81.8	74.9	75.5	27.9	-0.9	26.9	86	- 4	
Trincomalee	24	1010.1	+0.9	1006.9	89.3	+0.1	98	4	75.0	-0.5	73	5 days	78.9	83.7	74.4	77.0	26.7	-1.2	28.4	80	- 5	
Hambantota	61	1008.4	-0.5	1005.5	85.3	-0.9	90	20	74.9	-0.2	72	25, 29, 31	77.6	82.1	74.6	76.6	27.6	-0.2	28.4	86	- 1	
Nuwara Eliya	6,170	814.6	-0.3	812.8	67.4	-0.4	73	2	51.5	-0.4	43	21	59.0	60.7	55.5	57.5	13.7	-1.5	15.0	81	- 9	
Afghanistan																						
Jalalabad	1,950	946.0			892.8	83.6		98	8	56.3		46	29, 30	59.3	84.3	54.3	67.6	12.2		15.7	78	
Kabul	5,955	823.2			821.1	74.6	+1.3	84	13	40.9	-0.5	31	30	46.6	71.1	37.2	50.7	4.2	-0.3	5.3	41	- 8
Kandahar	3,462	902.1			899.7	84.5		91	13	39.3		33	28, 29	43.4	83.2	38.8	59.8	6.1		7.5	65	

R—Register not received.

(R)—Register not received.

a—Mean of 30 days.

TABLE III—ABSTRACT OF OBSERVATIONS RECORDED

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32° F and standard gravity millibars.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %			
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean	Departure from normal.	Highest.	Date.	Mean	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Iran																						
Charbar (R)	25	1012.1		1009.8	90.0 + 0.3	94	4	75.8 + 0.3	68	30	80.7	88.4	74.3	78.4	26.0	+0.7	28.6	74	+ 5			
Jask	13 ²⁵	1012.1		1008.8	94.4	99	11	76.6	60	27	83.8	91.1	78.0	83.1	30.0		35.0	77				
Bandar Abbas	29 ⁴⁸	1011.9																				
Bushire	14 ²⁹																					
Ispahan (R)	58 ¹⁷ ₄₄	901.2		898.6	83.2 + 10.2	95	12	41.0 - 0.4	26	27	55.2	67.7	48.0	56.8	8.6	+1.1	11.3	58	0			
Mesched	31 ²⁷ _{5,847}	901.2																				
Seistan	3,104	959.4		956.3																		
Arabia																						
Bahrain	12	1012.1		1010.6	89.0 - 0.4	94	14	74.8 - 0.2	71	20	78.9	87.7	76.3	80.7	29.8	+2.8	32.6	87	+ 9			
Muscat (R)	15			1010.0	98.7 + 1.7	99	2	71.0 - 0.2	67	29, 31	77.6	91.4	71.7	79.6	23.8	-0.7	29.0	73	- 4			
Sharjah	18	1012.1																				

(R)—Register not received.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 4TH CLASS STATIONS—OCTOBER 19

STATION.	Maximum temperature °F.			Minimum temperature °F.			Mean dry bulb temperature 8 hrs. I. S. T. °F.	Mean wet bulb temperature 8 hrs. I. S. T. °F.	Vapour pressure, millibars.	Relative Humidity %	Rainfall, inches.						Number of rainy days (0-10" or more).	Wind				
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 8 hrs. I. S. T.	Departure from normal.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Assam																						
Lumding	87.5 + 2.6	93	1	71.5 + 1.6	60	27	76.1	73.7	27.3	+0.2	88	- 2	9.25	+5.71	2.05		22	14	+ 8.1			
Bengal																						
Fabna	86.5 - 3.8	94	9	72.9 + 0.5	68	26	78.6	75.8	28.4	- 0.8	84	+ 4	12.13	+7.74	3.77		22	10	+ 4.5			
Kashmir																						
Jammu	87.5 - 0.6	92	8, 9, 10	66.6 - 0.6	57	31	68.5	61.8	15.7	+ 2.2	66	+ 10	0.9	0.40	- 0.36	0.30		29	2	+ 0.9	N 5 E	
Kargil	65.8 - 0.2	74	4 days	42.9 + 0.9	30, 29, 30, 31	46.2	28.8	8.8	5.4	+ 0.2	51	0	1.5	0.50	+ 0.23	0.50		27	1	+ 0.4	S 55 E	
Mysore																						
Balehonnur	79.6 + 0.6	84	8, 9, 12	63.3 - 1.1	58	21	68.1	66.4	21.3	- 0.4	92	- 3	4.25	- 3.58	1.48		15	5	- 6.4			
Tibet																						
Yatung (Chumbi)	57.5 - 1.2	65	2	30.9 - 6.0	21	27	37.9	37.2	7.8	- 1.4	98	+ 7	4.9	7.53	+ 5.59	3.08		22	9	+ 5.6		
Iran																						
Zahidan	63.0 + 2.8	91	24	45.8 0	35	28, 29	68.5	48.1	4.1	- 5.4	15	- 44	0.2	0	- 0.07	0		0	- 0.1	S 67 E		

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0.10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from												STATION.							
Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm		
24	95	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	
1.1	+ 0.2	0.4	0	- 0.12	0		0	- 0.2	7.0	- 0.1	2	14	13	1	0	0	1	0	0	0	0	0	5	3	17	6	0	0	Iran	
0.5	0.8	0	0	0	0		0	0	6.2	3	24	0	0	1	0	0	1	2	0	0	0	0	0	28	3	0	0	0	0	Charbar (R)
0	- 0.3	0	0	- 0.11	0		0	- 0.2	5.7	+ 0.5	17	0	0	0	0	0	3	7	4	4	0	0	0	1	0	3	23	0	Jask	
1.2	- 0.8	1.2	0	- 0.35	0		0	- 1.0	1.1	0	0	0	0	2	0	0	0	0	29	0	0	7	3	0	0	0	0	0	Bushire	
0.3	- 0.5	0.4	0	- 0.04	0		0	- 0.2		0	0	0	0	0	0	0	0	8	23	0	0	0	0	0	0	0	0	0	Ispahan (R)	
0.5	- 0.5	0.7	0	0	0		0	0	2.8	- 3.6	2	0	0	1	0	2	1	5	20	20	3	2	1	0	0	1	3	1	Meshed	
0	- 0.9	0.2	0	0	0		0	0	12.1		0	1	5	13	6	2	0	0	4	5	0	0	0	0	1	6	19	0	Seistan	
																													Arabia	
																													Bahrain	
																													Muscat (R)	
																													Sharjah	

(R)—Register not received.

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 5TH CLASS STATIONS—OCTOBER 1945

DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0.10" or more).		DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0.10" or more).						
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.			3	4	5	6	7	8	3	4	5	6	
1	2	3	4	5	6	7	8	1	3	3	4	5	6	7	8	3	4	5	6	
Assam	Mawsynram (R)	...						Baluchistan	Harnai	...	0	- 0.23	0			0	- 0.4			
Bengal	Bankura	6.52	+ 3.40	2.00	14	7	+ 2.5	Rajputana, East...	Udaipur	...	0.14	- 0.43	0.14			5	1	- 0.1		
	Rajshahi	13.89	+ 10.12	7.15	22	5	+ 0.5	Bombay Deccan ...	Khandala (R)	...										
	Sirajganj	9.77	+ 5.06	4.78	23	4	- 1.2	Madras Southeast.	Palamcottah	...	8.62	+ 1.57	2.41			13	11	+ 2.4		
	Rangpur	11.26	+ 5.44	3.62	22	6	+ 1.5	Madras Deccan ...	Anantapur	...	0.96	- 3.08	0.70			5	1	- 4.5		
Bihar	Cooch Behar	11.55	+ 4.24	2.72	3	9	+ 2.9	Sikkim	Lachung	...	5.19	+ 1.29	2.12			22	9	- 0.9		
	Muzaffarpur	7.35	+ 4.94	3.10	21	6	+ 3.5													
	Chapra	4.14	+ 2.03	3.02	21	4	+ 1.5													
	Arrah	6.61	+ 3.19	4.92	21	7	+ 4.0													
United Provinces, West.	Meerut	1.24	+ 0.43	1.16	2	1	+ 0.1													
Punjab, East and North.	Dharampore	0.67	- 0.37	0.50	29	1	- 0.3													
	Kyelang (R)	...																		
	Dalhousie	1.05	- 0.29	0.70	29	2	- 0.1													
Kashmir	Sonamarg	3.00	+ 0.47	1.47	26	4	- 1.2													
	Gurez	2.77	+ 0.29	2.40	26	3	- 3.2													

INDIA WEATHER REVIEW, 1945

Monthly Weather Report

November

P 13 9/2

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Chief Features.—(1) Fairly widespread and locally heavy rain in southeast Madras and Malabar during the middle of the month in association with a depression that formed in the southwest Bay of Bengal and moved over the extreme south Peninsula into the southeast Arabian Sea.

- (2) Four western disturbances affected Kashmir and the North-West Frontier Province.
- (3) Generally much cooler nights than usual in the Deccan and the central parts of the country.


 Unsettled conditions that appeared in the southeast Bay of Bengal on the 1st, shifted later to the southwest Bay and widespread rain fell along the Coromandel coast and in south Malabar on the 2nd with local showers in the rest of the Peninsula during the first week. This was followed by a strengthening of the northeast monsoon and a depression formed in the southwest Bay centred near Lat. 9°N., Long. 84°E. at 0800 hrs. I. S. T. on the 8th. Crossing over the extreme south of the Peninsula as a low pressure wave it entered in the southeast Arabian Sea and by the morning of the 13th, the trough of low pressure concentrated into a depression centred about 300 miles northwest of Minicoy. As far as could be judged from the ships' data available from this area, the depression was centred near Lat. 16°N., Long. 70°E. on the morning of the 15th, and without appreciably changing its position, it weakened by the next morning. During the formation and subsequent movement of this depression from the Bay into the Arabian Sea, fairly widespread rain fell in the Peninsula south of Lat. 12°N. Heavy downpours reported from southeast Madras were:—November 9th, Kadayanallur 7·1"; 10th, Kattumannarkoil 8·6", Chatrapatti 5·9", Sivakasi 5·2"; 11th, Chatrapatti 8·2"; 12th, Srivilliputtur 7·7". Heavy rain occurred in Malabar also, Calicut reporting 6·9" on the 15th and Alleppey 4·4" on the 16th. According to press reports available, incessant rains in the Coimbatore and the adjoining districts caused considerable damage to the standing crops. Heavy landslides and breaches also occurred on the Nilgiri Mountain Railway.

The latter half of the month was marked by fairly good thunderstorm activity in the Peninsula. A depression formed in the southeast Bay of Bengal on the 28th but it merged into the seasonal trough there within the next two days without causing appreciable deterioration of the weather in the Peninsula.

Beginning on the 12th, four western disturbances affected the extreme north of the country during the month. Local precipitation occurred in the North-West Frontier Province on the 12th and 16th and in Kashmir on the 16th, 22nd, 26th and 27th.

Night temperatures were generally below normal in the country south of Lat. 20°N. being markedly so in the Deccan and the central parts of the country.

The total rainfall of the month was in large excess in Malabar, in moderate excess in the east and north Punjab, and in slight excess in Kashmir. It was normal in the east Central Provinces and southeast Madras, in slight defect in the North-West Frontier Province, and in moderate to large defect in northeast India outside Bihar, in the southwest Punjab, Baluchistan and the Peninsula outside Malabar and southeast Madras. No rain fell elsewhere. Averaged over the plains of India, the rain fall was in defect by 34 per cent.

Maximum temperature was above normal in Baluchistan, and below normal in Berar and north Hyderabad. Minimum temperature was above normal in the southwest Punjab and Baluchistan, and generally below normal in east Rajputana, Gujarat, the central parts of the country, the Bombay Deccan, south Hyderabad and the Madras Deccan.

Relative humidity was in excess in the west United Provinces, the Punjab, the North-West Frontier Province, Sind, east Rajputana and east Central India. It was in defect in Kashmir and the Konkan.

Cloud amount was in excess in the southwest Punjab, the North-West Frontier Province, Baluchistan and Malabar, and in defect in Assam, Bengal, Bihar, the United Provinces, Sind, Rajputana, Gujarat, the central parts of the country, the Bombay Deccan and north Hyderabad.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 31 sub-divisions; these means are based on observations at stations, the monthly mean data for which are given in the subsequent tables.

N. B.—The Indian Standard Time used in this publication is 5 hours 30 minutes in advance of G. M. T.

Poona No. 5:
The 25th January 1946. }

N. K. SUR,
for Director-General of Observatories.

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS—NOVEMBER 1945

	RAINFALL.					DEPARTURE FROM NORMAL OF					RAINFALL.					DEPARTURE FROM NORMAL OF											
	Actual.		Normal.		Departure from normal.	Maximum temperature.		Minimum temperature.		8 hrs. I. S. T.			Actual.		Normal.		Departure from normal.	Percentage departure from normal.	Maximum temperature.		Minimum temperature.		8 hrs. I. S. T.				
										Vapour pressure.	Relative humidity.	Cloud.															
1	2	3	4	5	6	7	8	9	10				1	2	3	4	5	6	7	8	9	10					
Division	"	"	"	"	"	"	"	"	"	mb.	%		Division—contd.	"	"	"	"	"	"	"	"	"	"	mb.	%		
1. Assam	0.01	1.07	-1.06	-99	+1.1	-0.7	-0.2	0	-1.5	9. Rajputana	0	0.16	-0.16	-100	+0.5	-1.8	-0.1	+5	-0.9								
2. Bengal	0.09	0.97	-0.68	-91	+0.1	-0.5	-0.7	+1	-0.9	10. Bombay	0.20	0.82	-0.62	-76	+0.3	-2.3	-2.3	-1	-0.5								
3. Orissa	0.11	1.97	-1.86	-94	-0.4	-1.0	-0.8	+2	+0.3	11. Central India	0	0.60	-0.60	-100	0	-8.3	-1.2	+5	-1.0								
4. Bihar	0.11	0.44	-0.33	-75	-0.3	-0.7	0	+3	-0.5	12. Central Provinces and Berar.	0.27	0.67	-0.40	-60	-1.0	-2.3	-1.8	-2	-0.8								
5. United Provinces	0	0.22	-0.22	-100	-0.2	-0.3	+0.1	+6	-0.6	13. Hyderabad	0.28	1.05	-0.82	-78	-1.9	-3.1	-1.7	+2	-0.7								
6. Punjab	0.12	0.11	+0.01	+9	+0.4	+1.5	+1.4	+14	+0.5	14. Mysore	1.23	2.73	-1.50	-55	-0.6	-0.7	-1.6	0	+0.5								
7. North-West Frontier Province	0.14	0.16	-0.02	-13	+0.1	+1.5	+1.9	+9	+0.9	15. Madras	7.00	6.69	+0.31	+5	-0.9	-1.0	-1.1	+1	+0.8								
8. Sind	0	0.08	-0.08	-100	+1.9	+1.5	+3.5	+17	-0.3	Mean of India	0.85	1.28	-0.43	-34	-0.1	-1.1	-0.5	+4	-0.4								
Sub-division										Sub-division—contd.																	
1. Bay Islands										18. Central India, West.	0	0.70	-0.70	-100	-0.3	-2.6	-1.3	+6	-0.6								
2. Assam	0.01	1.07	-1.06	-99	+1.1	-0.7	-0.2	0	-1.5	19. Do. do. East.	0	0.47	-0.47	-00	+0.3	-4.2	-1.1	+6	-1.5								
3. Bengal	0.09	0.97	-0.88	-91	+0.1	-0.5	-0.7	+1	-0.9	20. Berar	0	0.69	-0.69	-100	-2.0	-2.3	-2.7	-3	-1.1								
4. Orissa	0.11	1.97	-1.86	-94	-0.4	-1.0	-0.8	+2	+0.3	21. Central Provinces, West.	0	0.66	-0.66	-100	-0.5	-2.7	-2.0	-4	-0.9								
5. Chota Nagpur	0.34	0.56	-0.22	-39	-1.1	-1.3	-0.2	+2	-0.2	22. Do. do. East.	0.71	0.69	+0.02	+3	-1.4	-1.9	-1.1	-1	-0.6								
6. Bihar	0	0.38	-0.38	-100	+0.4	-0.3	+0.1	+4	-0.9	23. Konkan	0.64	1.23	-0.59	-48	+1.7	-1.1	-3.1	-8	-0.4								
7. United Provinces, East.	0	0.25	-0.25	-100	-0.5	-0.2	-0.2	+5	-0.5	24. Bombay Deccan	0.19	1.23	-1.04	-65	+0.2	-2.8	-2.6	-4	-0.6								
8. Do. do. West.	0	0.19	-0.19	-100	+0.3	-0.3	+0.5	+7	-0.7	25. Hyderabad, North	0.09	0.97	-0.88	-91	-2.1	-1.7	-1.7	+2	-0.9								
9. Punjab, East and North.	0.21	0.15	+0.06	+40	+0.3	+1.0	+1.4	+16	+0.2	26. Do. South	0.37	1.13	-0.76	-67	-1.7	-4.1	-1.8	+1	-0.5								
10. Do. Southwest.	0.01	0.07	-0.06	-66	+0.6	+2.2	+1.4	+12	-0.8	27. Mysore	1.23	2.73	-1.50	-55	-0.6	-0.7	-1.5	0	+0.5								
11. Kashmir	0.56	0.45	+0.11	+24	-0.6	+0.5	-0.3	-6	+0.4	28. Malabar	10.39	5.49	+4.90	+89	+0.5	0	+0.3	+2	+1.0								
12. North-West Frontier Province.	0.14	0.16	-0.02	-13	+0.1	+1.5	+1.9	+9	+0.9	29. Madras, Southeast	10.28	9.33	+0.95	+10	-1.4	-0.5	-1.3	-1	+0.6								
13. Baluchistan	0.02	0.11	-0.09	-82	+2.1	+2.4	+1.2	+3	+1.0	30. Do. Deccan	0.97	1.86	-0.89	-48	-1.1	-2.4	-1.6	+2	-0.5								
14. Sind	0	0.08	-0.08	-100	+1.9	+1.5	+3.5	+17	-0.3	31. Do. Coast, North	2.54	6.28	-3.69	-59	-0.8	-1.6	-1.7	+1	-0.8								
15. Rajputana, West.	0	0.04	-0.04	-100	+1.0	-0.1	-0.2	+1	-0.9																		
16. Rajputana, East.	0	0.26	-0.28	-100	+0.2	-2.2	0	+8	-0.9																		
17. Gujarat	0	0.28	-0.28	-100	-0.1	-2.4	-1.6	+3	-0.5																		

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32° F and standard gravity, millibars.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.			Relative humidity %		
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean	Departure from normal.	Highest.	Date.	Mean	Departure from normal.	Lowest.	Date.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Departure from normal.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Departure from normal.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Bay Islands Port Blair	261																					
Assam Dibrugarh	348	1004.3	- 0.2	999.8	82.2	+ 2.6	88	1	56.8	- 3.2	52.25, 26, 27	68.4	70.6	63.7	65.7	18.1	- 1.6	19.5	76	- 9		
Sibsagar (R)	317																					
Tezpur	258	1007.0	- 0.8	1002.5	82.9	+ 2.0	87	1	59.7	- 1.9	55	27	69.0	73.6	64.7	68.5	18.8	- 1.1	21.9	78	- 6	
Gaubati	182	1009.3	- 0.3	1005.4	82.5	+ 1.2	85	5 days	62.2	+ 0.8	55	25, 27	67.3	75.9	65.5	69.3	20.6	- 0.1	21.5	90	+ 1	
Dhubri	115	1010.9	- 0.9	1007.3	79.2	- 0.2	85	21	64.0	0	60	28	67.9	75.5	65.2	69.3	20.1	- 0.3	21.7	86	+ 4	
Silchar	96	1011.2	- 1.0	1007.3	87.1	+ 2.2	92	2	63.7	+ 0.2	58	26, 27	68.1	79.1	65.9	71.8	29.9	- 0.7	23.0	88	+ 5	
Srimangal	69	1011.7	- 0.9	1008.5	84.1	- 1.4	89	1, 4	59.5	- 0.1	52	17	70.2	76.1	68.3	71.6	22.7	+ 1.5	24.2	91	+ 5	
Bengal Cox's Bazar	38	1012.2	- 0.3	1009.8	84.5	+ 0.1	89	1, 6	62.8	- 4.3	59	25, 26	75.1	76.9	70.6	70.9	23.5	- 1.0	23.1	79	- 1	
Chittagong	87	1010.6	- 0.9	1007.7	85.4	+ 1.8	89	6 days	65.0	- 0.5	54	22	73.4	76.9	69.0	70.8	22.2	- 1.2	23.0	79	- 5	
Noakhali (R)	22																					
Comilla	29	1013.1	+ 0.6	1009.8	84.7	+ 0.7	88	2, 6	65.2	+ 1.1	58	25	73.4	79.7	68.9	72.1	22.5	- 0.3	23.5	83	+ 5	
Brahmanbaria	32	1013.1		1009.9	84.0	- 1.2	87	15, 16	66.8	+ 1.4	61	30	71.4	78.8	70.4	72.2	23.6	+ 0.7	24.1	81	+ 8	
Narayanganj (R)	26																					
Myinensingh	62	1012.7	- 0.3	1009.3	84.9	+ 2.0	88	2, 14	64.7	+ 0.2	61	25, 26, 28	71.9	79.2	68.8	71.1	22.0	+ 0.4	22.3	83	+ 1	
Faridpur (R)	27																					
Barisal (R)	11																					
Khulna	16	1014.3	- 0.1	1011.2	84.9	+ 1.4	88	2, 10	65.6	0	58	23	73.5	77.5	67.6	69.6	20.3	- 0.5	21.9	73	+ 1	
Jessore	26	1013.7	- 0.5	1010.0	85.3	+ 1.1	89	1, 7	60.4	- 0.4	54	23, 24	69.9	78.1	67.0	70.4	21.2	+ 0.1	22.0	85	+ 7	
Satkhira	16	1013.8	- 0.5	1010.7	83.3	- 1.9	86	6	62.7	- 0.5	57	8 days	70.7	78.4	66.8	70.3	20.0	- 1.0	21.7	78	0	
Dum Dum (R)	33																					
Calcutta	21	1014.0	- 0.4	1010.9	84.9	+ 0.7	89	1	64.1	+ 0.4	57	23	69.7	76.9	65.1	68.1	18.9	- 1.2	19.4	77	- 5	
Saugor Island	10	1014.0	- 0.4	1011.2	81.5	- 0.8	86	6	67.9	+ 0.5	62	20, 24	73.7	76.6	67.9	68.8	20.6	- 1.9	20.4	73	- 6	
Sandheads	28	1013.6	+ 0.2	1011.2																		
Midnapore	149	1010.0	+ 0.1	1006.4	83.0	- 1.4	87	10, 12	61.3	- 2.0	55	21, 24	67.1	79.4	62.1	67.1	16.8	- 1.1	17.0	74	+ 6	
Burdwan (R)	106																					
Krishnagar	48	1013.3	- 0.3	1010.6	85.3	+ 1.0	88	5, 6	60.6	- 1.7	55	4 days	70.2	77.5	65.3	68.6	19.1	- 0.6	19.8	76	+ 1	
Asansol	414	1000.9	0	997.3	83.0	- 0.9	87	7	59.8	- 0.2	53	21	65.7	78.1	61.6	66.3	16.9	+ 0.1	16.6	78	+ 1	
Berhampore	62	1012.9	- 0.4	1009.5	84.2	+ 1.4	89	5	62.8	- 0.4	57	23, 28	70.1	77.8	64.9	67.8	18.3	- 1.4	18.7	71	- 1	
Bogra	63	1012.0	- 0.3	1008.9	83.2	+ 0.8	87	4	63.3	+ 0.5	55	29	70.1	77.9	66.5	70.1	20.3	0	21.5	81	+ 1	
Malda	103	1011.7	- 0.2	1008.5	80.0	- 2.3	85	1, 2, 5	61.1	0	50	21, 23	69.7	76.5	61.1	68.1	18.5	- 0.9	19.6	74	- 1	
Dinajpur (R)	123																					
Jalpaiguri	271	1005.8	- 0.5	1002.2	84.2	+ 2.2	88	13	58.8	- 2.0	55	21	63.7	78.9	60.4	68.5	16.3	- 2.6	19.5	82	-	
Orissa Balasore	65	1012.5	- 0.4	1009.5	81.4	- 2.9	84	13, 14, 18	62.8	- 0.4	55	22	69.0	75.9	64.2	67.8	18.2	- 0.8	19.6	76	+ 1	
Chandbali	20	1014.4	+ 0.2	1011.4	83.6	- 0.5	86	18, 29	63.9	- 1.0	50	21	69.6	77.4	65.2	69.1	19.2	- 1.8	20.5	78	-	
Puri	20	1014.3	+ 0.2	1011.3	84.9	+ 0.3	88	1	68.2	- 1.0	65	21, 26, 28	72.5	79.5	66.4	69.5	19.4	- 2.2	20.1	71	-	
Gopalpur	56	1012.9	+ 0.1	1009.9	83.8	- 0.3	87	1	66.4	- 0.1	5	24	71.8	78.9	68.4	71.9	22.1	+ 0.6	23.5	83	+ 1	
Cuttack	87	1012.0	- 0.3	1008.9	83.2	+ 1.2	90	11, 12	65.1	- 0.4	58	22, 28, 30	70.5	80.7	65.7	69.3	19.3	- 0.8	19.2	76	-	
Angul	458	999.5	+ 0.1	996.1	83.0	- 0.8	86	11	61.6	- 0.7	55	4 days	63.7	78.6	63.4	66.9	17.9	- 0.9	17.3	75		
Sambalpur	480	998.4	- 0.2	994.5	83.9	0	88	10, 11	59.4	- 1.3	51	4 days	65.0	80.5	61.1	67.7	18.1	+ 0.1	17.3	85	+ 1	
Chota Nagpur Jhansi	423	1000.8	+ 0.5	997.3	83.3	- 1.7	87	1	59.0	0	52	7 days	66.0	78.0	61.2	65.6	16.2	- 0.1	16.9	74		
Chaibasa	742	989.4	- 0.1	985.8	80.8	- 2.1	85	11	58.9	- 0.8	58	6 days	65.7	78.3	61.0	66.3	16.3	- 0.9	16.6	76	-	
Ranchi	2,150	941.8	+ 0.1	939.4	76.6	- 0.9	80	1, 12	54.9	- 2	47	21	65.7	70.3	57.7	60.1	13.0	- 0.8	13.4	62	+ 1	
Hazaribagh	2,006	946.6	+ 0.3	943.9	77.0	- 0.6	83	7, 8	54.2	- 3	48	27, 30	63.0	69.6	57.0	59.6	13.2	0	14.4	69	+ 1	
Daltonganj	725	990.8	0	987.3	82.1	- 0.3	86	8, 14	53.8	- 0.6	40	21, 22	62.6	76.7	58.8	65.1	15.1	+ 0.2	15.9	79		
Dhanbad	839	986.3			79.8		84	1	58.6		51	21	67.4		60.5		14.9		65			
Bihar Purnea	124	1011.2	- 0.3	1007.8	83.8	+ 1.4	88	1	57.6	- 1.0	58	19, 21, 24	65.8	75.7	62.0	68.8	18.5	- 0.1	20.9	87	+ 1	
Darbhanga	161	1010.0	- 0.1	1006.5	82.9	0	87	1	58.6	- 0.9	54	21	64.3	77.7	62.5	69.3	18.4	- 0.1	20.6	90	+ 1	
Motihari (R)	218																					
Patna	173	1009.5	- 0.4	1006.4	82.3	+ 0.2	85	7 days	60.6	- 0.4	54	21	68.8	76.4	61.9	65.4	15.7	- 1.1	16.4	66	-	
Dehri		1003.0		999.9	81.8																	
Gaya	365	1002.9	- 0.1	999.7	81.9	+ 0.6	85	1, 10	59.5	+ 1.5	51	30	65.6	76.1	60.6	63.4	15.8	+ 1.7	14.3	73	+ 1	
Naya Dumka	489	997.6	- 0.9	994.4	83.0	+ 0.6	87	6	59.1	- 0.5	53	21, 22	66.1	77.7	61.6	66.2	16.7	- 0.4	16.8	73	+ 1	
Sabour	122	1011.2	+ 0.3	1007.8	81.6	- 0.6	85	8, 12	56.7	- 0.2	51	22	67.8	74.1	61.0	68.5	18.5	+ 0.9	21.3	79		

(R)—Register not received.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from												STATION.							
Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	8 hrs. I. S. T.						17 hrs. I. S. T.													
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52		
1.1	- 2.2	1.4	0	- 1.32	0		0	- 2.5	1.0	+ 0.4	2	9	17	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	29	53
0.7	- 2.2	0.6	0	- 0.90	0		0	- 1.8	1.4	- 0.1	0	5	9	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	30	Bay Islands Port Blair
1.6	- 1.7	3.3	0	- 0.55	0		0	- 1.2	1.9	+ 0.8	4	15	5	2	0	0	0	0	0	4	1	12	5	0	0	0	0	0	12	Assam Dibrugarh
1.1	- 1.0	1.1	0	- 0.40	0		0	- 0.7	2.6	- 1.4	3	10	7	2	0	1	0	0	7	3	4	3	0	1	1	0	0	0	18	Sibsagar (E) Tezpur
1.3	- 1.8	0.6	0.02	- 1.73	0.02	7	0	- 2.1	1.0	0	1	9	2	11	1	2	0	1	3	2	1	0	0	0	1	1	2	23	Gauhati Dhubri	
2.4	- 0.1	1.4	0	- 1.41	0		0	- 1.7	1.1	- 0.3	0	2	5	3	0	0	0	0	15	0	0	0	1	0	0	4	3	22	Silchar Srimangal	
1.9	- 1.5	2.5	0	- 3.26	0		0	- 3.1	2.2	+ 0.9	3	8	5	2	0	0	0	0	5	7	3	0	0	0	1	0	1	11	Bengal Cox's Bazar	
1.8	- 1.4	2.8	0.84	- 1.33	0.84	4	1	- 1.0	2.7	- 0.9	3	12	4	0	0	0	0	0	11	12	0	0	0	0	0	0	8	8	Chittagong	
2.1	0	2.5	0	- 1.29	0		0	- 1.6	1.8	+ 0.6	7	2	0	0	0	0	0	1	20	2	0	0	0	0	0	0	0	28	Noakhali (R) Comilla	
1.1	0.1	0	- 1.04	0		0	0	- 1.5	1.9		5	3	1	1	1	0	1	1	17	1	0	0	0	0	0	0	1	28	Brahmanbaria Narayanganj (R)	
1.4	- 1.0	2.0	0	- 0.88	0		0	- 1.0	1.2	+ 0.5	4	2	8	0	1	0	0	1	14	1	0	0	0	0	0	0	6	0	Mymensingh Faridpur (R)	
1.7	- 1.1	2.0	0.05	- 1.07	0.05	5	0	- 1.8	2.7	+ 0.9	11	5	0	0	0	0	3	7	4	1	0	0	0	0	0	0	0	27	Barisal (R) Khulna	
1.1	- 0.9	0.8	0	- 0.95	0		0	- 1.1	2.1	+ 1.0	23	0	0	0	0	0	2	2	3	0	0	0	0	0	0	0	0	30	Jessore	
0.8	- 2.0	1.5	0	- 0.74	0		0	- 1.2	1.8	+ 0.8	14	0	0	0	0	0	0	3	13	0	0	0	0	0	0	0	1	29	Satkhira Dum Dum (R)	
1.4	- 0.9	1.9	0	- 0.81	0		0	- 1.1	1.7	- 0.2	8	3	2	0	0	0	0	3	14	6	1	1	0	0	0	0	4	18	Calcutta	
2.3	- 1.0	2.6	0.88	- 0.40	0.58	8	2	+ 0.7	7.2	+ 1.7	18	9	1	0	0	0	0	6	1	12	2	0	1	2	5	1	4	3	Saugor Island	
3.0	- 0.5	2.8	0	- 2.75	0		0	- 2.5			13	11	1	0	0	0	3	0	1	17	5	3	0	0	1	3	0	0	0	Sandheads
2.3	+ 0.1	2.4	0	- 0.87	0		0	- 1.1	3.0	+ 1.7	16	10	0	0	0	0	2	0	2	12	7	1	0	0	0	0	0	0	10	Midnapore Burdwan (R)
1.0	- 1.1	1.0	0	- 0.98	0		0	- 1.2	1.8	+ 0.1	3	4	0	0	0	0	4	15	4	0	0	0	0	0	0	0	5	25	Krishnagar	
1.7	- 0.9	1.5	0.19	- 0.38	0.14	11	1	0	3.5	+ 0.4	10	0	0	0	0	0	7	10	3	14	8	1	0	0	0	0	0	4	8	Asansol
0.9	- 1.3	1.4	0	- 0.65	0		0	- 0.7	*		4	1	0	0	0	0	1	0	24	0	0	0	0	1	0	0	0	29	Berhampore	
0.8	- 1.0	1.8	0	- 0.77	0		0	- 0.8	2.1	+ 1.1	15	5	1	0	0	0	1	6	2	2	0	0	0	0	2	9	6	11	Bogra	
0.7	- 0.3	1.1	0	- 0.45	0		0	- 0.7	2.8	+ 0.4	12	1	0	0	0	0	0	12	5	1	1	0	0	0	0	4	16	Malda		
1.2	- 0.2	1.3	0	- 0.49	0		0	- 0.8	1.8	+ 0.8	17	5	0	0	0	0	0	2	6	0	1	3	1	0	0	1	1	23	Dinajpur (R) Jalpaiguri	
2.8	0	3.6	0.08	- 1.42	0.08	7	0	- 1.5	2.5	+ 0.9	11	7	0	0	0	0	12	0	6	3	2	0	0	0	0	1	16	Orissa Balasore		
2.8	- 0.6	2.4	0.04	- 1.61	0.04	8	0	- 1.5	3.4	+ 0.2	17	0	0	0	0	0	2	11	0	3	9	11	4	0	0	0	0	8	Chandbali	
3.7	+ 0.7	4.0	0.05	- 3.14	0.03	10	0	- 2.4	6.7	+ 1.0	18	7	0	0	0	0	0	5	0	6	9	5	4	5	1	0	0	0	0	Puri
4.5	+ 1.7	5.0	0.60	- 3.33	0.50	9	2	- 0.8	7.2	+ 1.0	17	1	0	0	0	0	12	0	5	6	10	9	0	0	0	0	0	19	Gopalpur	
2.9	- 0.2	3.5	0	- 1.62	0		0	- 1.6	2.4	+ 1.2	0	9	1	0	0	0	4	4	12	1	5	5	0	0	0	0	0	19	Cuttack	
2.7	- 0.7	3.0	0	- 1.11	0		0	- 1.4	3.9	+ 0.9	2	0	0	0	0	0	6	9	13	6	1	2	1	0	0	1	3	16	Angul	
3.5	+ 0.9	4.1	0	- 0.81	0		0	- 1.0	2.4	+ 0.3	7	5	1	0	0	0	0	0	17	5	3	3	3	0	0	4	6	6	Sambalpur	
1.8	- 0.9	1.6	0	- 0.37	0		0	- 0.7	2.3	+ 0.7	0	3	3	0	0	0	2	13	4	5	3	2	6	0	0	0	1	14	Chota Nagpur Jamshedpur	
3.1	+ 0.6	1.9	0	- 0.70	0		0	- 1.0	0.9	- 0.3	0	1	0	0	0	8	1	0	20	0	1	0	0	0	0	0	4	22	Chaibasa	
1.4	- 0.8	1.4	0.53	- 0.08	0.53	11	1	0	2.5	- 0.2	2	0	0	1	0	0	4	4	19	3	0	1	0	0	0	0	4	22	Ranchi	
2.3	+ 0.4	2.2	1.18	+ 0.62	1.18	11	1	+ 0.1	3.8	- 0.5	1	1	3	1	1	4	3	4	12	3	1	1	0	1	1	0	20	3	Hazaribagh	
1.3	- 0.2	1.9	0	- 0.56	0		0	- 0.8	1.9	+ 0.4	0	0	1	3	4	1	0	0	21	3	1	1	0	0	0	7	9	9	Daltonganj	
				0.26	0.26	11	1		4.7		2	3	4	0	0	4	18	2										Dhanbad		
0.4	- 0.9	0.3	0	- 0.34	0		0	- 0.5	1.3	+ 0.3	3	2	1	0	0	3	9	1	11	0	0	0	0	0	0	0	0	30	Bihar Purnea	
0.2	- 1.0	0.7	0	- 0.27	0		0	- 0.4	0.8	- 0.1	0	1	3	0	0	0	17	2	7	3	0	1	1	0	7	11	3	4	Darbhanga Motihari (R)	
0.2	- 1.2	0.8	0	- 0.34	0		0	- 0.5	2.3	+ 0.8	1	3	0	2	0	9	8	3	4	1	1	0	0	0	0	1	2	16	Patna	
0.5	1.0	0	- 0.46	0		0	- 0.7	2.2		0	0	0	0	5	14	2	2	7	1	1	0	0	0	0	0	1	2	25	Dehri	
0.8	- 0.7	1.8	0	- 0.49	0		0	- 0.7	3.5	+ 0.6	0	1	2	2	17	4	1	0	3	5	4	0	0	0	0	1	8	12	0	Gaya
1.2	- 0.3	1.0	0	- 0.54	0		0	- 0.8	1.4	+ 0.3	0	0	0	0	0	2	2	11	15	0	4	0	0	0	0	0	12	14	Naya Dumka	
0.8	- 1.0	0.5	0	- 0.38	0		0</td																							

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of bar, eastern sea above mean level in feet.	Pressure reduced to 32°F and standard gravity, millibars.			Maximum temperature °F.			Minimum temperature °F.			Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.			Relative humidity %			
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
U. P., East																					
Gonda	360	1,008.6		1,000.5	82.5	- 1.2	87	4	53.7	- 1.2	49	20	59.4	73.4	57.6	64.2	15.3	+ 0.5	16.4	89	+ 11
Gorakhpur	254	1,005.9	- 0.8	1,003.0	81.5	- 1.5	84	10,11,13	55.3	- 0.6	50	30	61.3	77.7	58.0	64.2	16.1	- 0.5	16.3	78	+ 2
Benares	250	1,006.9	- 0.2	1,003.9	82.9	- 0.5	85	4 days	54.8	+ 0.5	49	21,30	61.9	79.3	57.6	63.4	14.9	- 0.4	14.3	80	+ 9
Allahabad (Bamrauli)	322	1,004.7	+ 0.1	1,001.6	84.8	- 0.1	88	1,4	53.7	- 1.0	48	20,21	63.3	79.7	56.8	65.2	14.2	- 0.1	12.7	75	+ 5
Fatehpur	375	1,003.0		999.9	83.2	+ 0.4	85	4 days	53.1	- 0.8	47	20	59.9	79.0	55.2	64.1	12.8	- 0.8	13.6	73	+ 3
Cawnpore	413	1,001.7	+ 0.5	998.5	84.0	+ 0.1	87	3,4	54.1	0	49	20,21	62.1	76.1	57.7	65.1	14.3	+ 0.2	16.2	75	+ 2
Lucknow	371	1,002.8	+ 0.1	999.8	82.1	- 0.9	86	4	56.3	+ 0.2	52	27,28	61.8	76.8	59.1	65.1	16.0	+ 0.7	15.9	85	+ 9
Bahraich	407	1,001.2	+ 0.1	998.3	82.1	- 0.9	86	4	56.3	+ 0.2	52	27,28	61.8	76.8	59.1	65.1					
U. P., West																					
Jhansi	824	986.8	- 0.8	984.0	85.8	+ 0.4	96	9	53.8	- 3.7	48	21	60.2	81.9	52.3	60.3	9.8	- 2.1	8.8	55	+ 1
Agra	553	996.6	+ 0.1	993.4	84.8	+ 0.4	90	8	53.9	+ 2.0	47	20,21	58.6	81.4	54.1	66.7	12.3	+ 1.9	15.8	73	+ 16
Maiupuri	516	997.1	- 0.5	994.6	85.2	+ 0.6	89	9	52.7	- 0.5	47	20,21	57.7	78.9	53.4	63.5	12.0	+ 0.1	13.0	74	+ 10
Aligarh	615	994.0		991.1	85.0	+ 1.3	90	7	54.0	- 0.1	48	19	60.2	79.3	54.0	62.9	11.5	+ 1.5	12.1	64	+ 11
Bareilly	568	995.3	- 0.4	992.6	81.8	+ 0.2	85	4 days	55.4	+ 1.9	51	20,21	60.3	75.7	57.4	63.7	14.8	+ 1.1	14.8	83	+ 6
Roorkee	899	983.2	- 1.0	981.0	79.1	- 0.5	82	9	51.5	+ 1.8	46	22	57.8	74.5	54.2	62.2	12.7	+ 0.8	13.5	80	+ 1
Dehra Dun	2,239	988.3	0	936.3	75.1	- 0.7	78	3,6,14	50.0	- 1.1	45	23	55.9	69.7	52.5	61.0	11.9	+ 1.1	14.6	79	+ 4
Punjab, E. and N.																					
New Delhi	714	990.4	- 0.2	987.7	83.9	+ 0.7	93	8	52.8	+ 1.0	47	30	57.3	79.1	50.7	61.4	9.7	+ 0.8	10.5	63	+ 10
Hisar	725	990.3	- 0.2	988.0	85.2	+ 0.9	91	7	50.0	+ 0.2	43	19	52.9	79.5	48.4	64.6	9.6	+ 1.0	14.0	70	+ 13
Ambala	892	984.0	- 0.2	981.5	82.1	0	86	5	50.4	+ 0.5	45	29	54.2	76.3	51.8	61.7	11.9	+ 1.5	12.3	83	+ 27
Ludhiana	812	987.4	+ 0.2	985.0	81.7	+ 0.3	86	6	51.9	+ 0.9	47	19	55.0	76.6	52.2	63.9	12.0	+ 2.2	14.7	82	+ 15
Lahore	702	990.9	- 0.1	985.8	83.1	+ 0.2	88	5	50.1	+ 2.8	43	19,20	52.1	79.0	50.8	62.6	11.8	+ 1.4	11.9	89	+ 31
Sialkot	880	986.5	- 0.3	984.1	80.9	+ 0.3	86	6 days	53.7	+ 4.6	47	19	58.1	75.4	53.4	62.3	11.8	+ 1.2	13.4	72	- 5
Rawalpindi	1,674	957.6	- 0.5	955.6	77.4	- 0.3	86	4	45.3	+ 0.9	40	19	48.1	71.2	46.0	58.1	9.7	+ 1.7	10.9	86	+ 18
Punjab, Southwest																					
Khusheb	612	993.9	- 0.9	991.5	84.1	+ 1.3	89	7,16,17	50.4	+ 0.6	46	19,30	53.8	80.7	48.5	61.0	9.1	+ 1.2	9.7	66	+ 10
Lyallpur	605	993.6	- 0.8	991.7	82.2	+ 0.2	87	4,7	52.5	+ 3.4	47	19	55.2	77.4	51.5	64.0	11.4	+ 1.7	14.2	76	+ 9
Montgomery	553	995.2	- 1.1	993.0	83.4	0	89	6	53.0	+ 1.4	45	19	55.6	80.3	52.3	64.0	11.9	+ 1.2	13.0	77	+ 8
Leiah	490	988.8		996.0	83.0		89	6,7	51.5		45	19,20	54.0	81.0	50.5	61.5	10.9		9.9	77	
Multan	413	1,000.9	- 0.4	999.0	84.9	+ 2.0	91	4,6	54.8	+ 3.9	49	30	57.3	82.7	54.1	67.6	12.9	+ 1.2	16.4	81	+ 14
Fort Abbas	475	998.8		996.1	86.0		93	5	53.1		48	29	57.3	83.3	52.1	65.4	11.0		13.2	69	
Bahawalpur	384	1,001.8	- 0.2	999.3	85.4	0	91	5	53.3	+ 2.7	50	6 days	54.2	81.9	51.5	65.6	12.0	+ 1.6	13.9	83	+ 17
Khanpur	297	1,004.9	- 0.1	1,002.6	87.0	0	91	6	52.5	+ 1.1	47	28,29	55.6	84.7	51.4	65.9	11.1	+ 1.4	18.2	74	+ 1
Kashmir																					
Srinagar	5,205	846.9	+ 0.5	843.9	61.7	- 0.6	70	7	31.5	- 0.6	28	26	33.7	55.7	32.2	46.4	5.6	- 0.4	6.9	87	0
Gulmarg	8,709				(Closed during winter months)																
Dras	10,059	707.7	+ 1.0	704.6	35.9	- 4.1	42	6,7	15.4	+ 1.2	7	19	18.3	33.7	16.8	30.9	2.5	- 0.7	4.8	81	- 5
Leh	11,529	670.5	+ 1.6	667.3	44.3	- 2.5	54	6	19.5	- 0.9	18	24	23.0	40.8	19.4	29.9	2.5	- 0.3	2.5	63	+ 4
Skardu	7,505	775.8		773.1	54.1	+ 0.6	63	7	31.5	+ 3.0	27	15,19,26	34.0	52.1	29.1	39.0	3.7	- 1.0	3.5	58	- 19
Gilgit	4,890	856.3		853.1	63.3	+ 1.1	73	7	41.0	- 0.3	35	19	43.2	59.9	36.7	73.7	4.7	- 0.5	3.4	50	- 6
Misgar	10,190				44.4		53	6,7	21.4		16	20	25.2	37.7	21.9	30.9	2.9		3.8	75	
N.-W. F. Province																					
Peshawar	1,175	975.5	- 0.4	973.3	77.8	+ 1.0	86	3,4	51.2	+ 2.3	49	18,19	53.2	74.0	48.2	59.8	9.3	+ 2.5	11.4	67	+ 9
Bannu	1,264	971.8		969.6	78.6	- 1.6	84	4,6,7	53.0	+ 3.1	50	20,25,26	55.2	75.1	48.7	59.1	8.8	+ 1.0	9.9	58	+ 1
Miranshah	3,026				73.7	+ 0.8	81	6	45.6	- 0.8	42	18,27	50.1	69.6	45.0	59.8	8.2	+ 4.1	13.3	67	+ 25
Dera Ismail Khan	570	995.5	- 0.5	993.3	82.7	+ 0.8	89	7	50.2	+ 1.5	46	19,20,30	52.9	79.1	48.5	62.8	9.6	+ 0.1	12.0	71	0
Baluchistan																					
Fort Sandeman	4,614	863.6	+ 0.5	860.9	73.3	+ 1.9	81	3,6	44.1	+ 3.0	39	18	45.9	70.8	37.9	50.4	4.6	+ 0.7	4.4	44	- 14
Loralai	4,699	859.7		857.6	72.6		80	7	40.8		36	30	43.4	67.8	35.0	47.8	3.6		3.5	37	
Sibi	441	999.7	+ 0.2	996.6	86.4	0	93	7	55.1	+ 2.0	50	30	57.4	84.4	50.2	63.8	9.2	+ 3.2	10.9	58	+ 17
Quetta	5,490	834.8	- 2.4	833.0	67.6		74	6	32.7		26	18,30	35.8	64.8	29.3	44.7	3.2	- 1.0	3.0	45	- 13
Chaman	4,911	873.4	+ 0.3	871.5	72.0	+ 4.4	80	5	47.7	+ 4.3	37	30	50.6	68.7	42.0	52.0	5.8	+ 1.1	6.7	46	+ 1
Kalat	6,616	803.9	+ 0.9	802.0	64.3	+ 0.6	74	5	32.7	+ 2.1	17	30	36.6	61.3	29.3						

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from														STATION.					
Mean Ghrs. I.S.T.	Departure from normal.	Mean 17 hrs. I.S.T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	9 hrs. I. S. T.							17 hrs. I. S. T.												
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52		
0.6	- 0.5	0.5	0	- 0.20	0		0	- 0.5	1.5	- 0.2	1	0	4	0	0	0	13	3	9	0	1	0	1	0	0	9	4	15	U. P., East	
0.6	- 0.2	1.0	0	- 0.19	0		0	- 0.3	1.4	+ 0.6	0	2	1	2	0	1	10	0	14	1	0	0	0	0	3	7	2	17		
0.4	- 0.9	1.1	0	- 0.37	0		0	- 0.6	3.4	+ 1.8	0	0	0	0	3	14	3	0	10	1	7	0	0	0	0	12	9	1		
0.5	- 0.9	0.9	0	- 0.31	0		0	- 0.5	1.6	- 0.1	0	0	1	0	0	1	7	1	20	0	0	0	0	0	0	5	2	23	Allahabad (Bamrauli)	
0.8	- 0.4	0.6	0	- 0.09	0		0	- 0.4	1.6	+ 0.1	0	0	0	0	0	2	5	0	23	0	1	0	0	0	0	0	0	2	27	Fatehpur
0.5	- 0.1	0.4	0	- 0.35	0		0	- 0.4	3.7	+ 1.2	0	0	0	0	2	7	9	2	10	7	4	2	0	0	0	0	4	10	3	Cawnpore
0.2	- 0.8	0.1	0	- 0.22	0		0	- 0.4	1.1	+ 0.2	0	0	0	0	1	0	5	0	24	0	0	0	0	0	0	0	3	2	25	Lucknow
0.2	- 0.5	0.5	0	- 0.28	0		0	- 0.5	1.6	+ 0.4	0	2	1	1	1	3	4	3	15	0	0	0	0	0	0	0	2	1	27	Bahraich
0.1	- 0.9	0.1	0	- 0.29	0		0	- 0.5	2.2	+ 0.5	0	0	0	1	0	3	22	1	3	4	3	1	0	0	0	0	13	8	1	U. P., West Jhansi
0.1	- 0.9	0.6	0	- 0.14	0		0	- 0.3	1.3	- 0.8	0	0	0	0	0	0	2	2	26	0	0	0	0	0	0	0	0	5	25	Agra
0.3	- 0.7	0.1	0	- 0.15	0		0	- 0.3	1.5	+ 0.6	0	0	1	4	0	2	8	6	9	0	0	0	0	0	0	0	11	8	11	Mainpuri
0.1	- 0.6	0.2	0	- 0.03	0		0	- 0.1	2.6	- 0.3	0	0	2	1	0	0	11	1	15	8	0	0	0	0	0	0	0	8	14	Aligarh
0.1	- 0.8	0.3	0	- 0.18	0		0	- 0.3	1.4	+ 0.6	0	2	1	1	1	5	4	15	3	1	0	0	1	0	0	1	3	9	13	Bareilly
0.5	- 0.4	1.4	0	- 0.23	0		0	- 0.5	1.3	+ 0.3	0	0	0	5	0	0	0	5	20	1	0	0	1	0	0	1	9	18	Roorkee	
0.9	- 0.5	1.9	0	- 0.35	0		0	- 0.7	1.8	0	3	4	0	0	0	0	1	0	22	1	0	0	1	0	2	1	0	25	Dehra Dun	
0.2	- 0.8	0.6	0	- 0.10	0		0	- 0.3	5.2		0	0	4	0	0	8	12	0	6	1	7	0	0	0	0	1	17	4	Punjab, E. and N. New Delhi	
0.1	- 0.7	0.2	0	- 0.06	0		0	- 0.2	3.1	+ 0.4	0	0	4	4	5	12	2	2	1	6	1	1	0	0	0	0	5	8	9	Hissar
0.7	- 0.5	1.0	0	- 0.19	0		0	- 0.4	2.6	+ 0.8	0	2	0	14	0	0	0	10	4	0	0	0	1	0	0	0	25	4	Ambala	
1.2	0	2.1	0	- 0.13	0		0	- 0.4	2.5	- 0.3	1	1	0	1	0	2	0	1	24	1	3	0	0	0	0	0	4	22	Ludhiana	
1.8	+ 0.4	2.2	0.01	- 0.09	0.01	18	0	- 0.3	1.6	+ 0.7	2	1	1	2	1	0	1	2	20	1	2	0	0	0	0	0	3	6	18	Lahore
2.0	+ 0.9	3.3	0.59	+ 0.42	0.56	17	1	+ 0.6	1.2	+ 0.5	1	7	4	3	0	1	0	4	10	0	0	0	1	0	0	1	3	25	Sialkot	
3.6	+ 2.1	4.9	0.85	+ 0.57	0.85	17	1	+ 0.5	1.8	+ 0.5	5	0	0	0	0	1	1	2	21	0	1	0	0	1	8	10	4	6	Rawalpindi Punjab, Southwest	
2.0	+ 0.6	2.5	0	- 0.08	0		0	- 0.2	3.1	+ 0.8	2	8	3	0	3	1	2	3	8	3	2	3	7	6	2	2	2	3	17	Klushab
2.2	+ 0.6	3.2	0.04	- 0.07	0.04	17	0	- 0.2	1.5	+ 0.2	1	2	3	2	1	3	3	2	13	0	0	1	0	0	3	3	6	17	Lyallpur	
1.2	+ 0.2	2.3	0.04	- 0.01	0.04	16	0	- 0.2	1.5	- 0.4	0	1	0	3	0	0	0	0	26	0	0	2	1	1	0	0	0	26	Montgomery	
1.6	2.0	0	0	0	0		0		2.8		8	1	1	0	0	2	4	14	0	3	4	6	7	2	2	1	5	0	Leiah	
2.7	+ 1.7	1.9	0	- 0.06	0		0	- 0.1	2.1	+ 1.1	7	0	2	0	7	1	0	5	8	2	5	0	0	0	4	0	3	16	Multan	
1.7	2.1	0	0	0	0		0		8.5		0	6	2	4	4	1	0	2	11	9	4	0	0	0	6	9	1	1	Fort Abbas	
2.2	+ 1.1	1.4	0	- 0.01	0		0		0	1.9	+ 0.4	2	2	3	5	6	0	0	0	12	3	1	0	1	4	2	1	0	18	Bahawalpur
1.6	+ 0.8	1.8	0	- 0.12	0		0	- 0.1	2.2	- 1.0	0	10	0	0	0	6	0	0	14	0	9	0	0	0	12	1	1	7	Khanpur	
3.6	+ 0.9	5.0	0.99	- 0.05	0.37	17	1	- 0.1	1.5	- 0.3	0	0	1	12	1	0	0	3	13	2	2	0	2	0	0	5	8	11	Kashmir Srinagar	
2.6	- 0.1	5.1	0.86	- 0.13	0.13	17,29	2	+ 0.5	0	- 1.9	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	30	Gulmarg (R)
3.6	+ 0.4	4.9	0	- 0.04	0		0	- 0.2	2.8	+ 0.9	0	6	4	1	1	0	1	0	17	0	1	1	2	7	11	3	1	4	Leh	
3.8	+ 0.3	4.9	0.02	- 0.04	0.02	29	0	- 0.1	2.5	+ 0.6	0	0	0	1	0	0	2	1	26	0	1	0	0	2	2	3	2	20	Skardu	
5.3	+ 1.7	5.2	0	- 0.05	0		0	- 0.2	0.1	- 0.4	0	0	0	0	0	0	0	0	30	0	0	0	0	0	3	0	0	27	Gilgit	
3.5	5.0	0.01	0.01	0	0		0		8.6		1	1	3	1	0	1	6	4	13	0	1	14	11	1	2	0	0	1	Misgar	
4.3	+ 1.6	5.1	0.55	+ 0.24	0.31	17	2	+ 1.4	3.1	+ 2.1	0	0	0	2	8	10	1	1	8	3	13	3	4	2	2	0	1	2	N.-W. F. Province Peshawar	
3.0	+ 1.8	3.4	0.01	- 0.15	0.01	17	0	- 0.2	2.2		0	0	0	1	1	1	11	5	11	0	2	4	18	3	0	0	0	3	Bannu	
1.8	- 0.2	2.2	0	- 0.02	0		0		3.7	0	0	0	1	0	0	0	0	0	29	0	0	21	1	0	0	0	0	8	Miranshah	
1.8	+ 0.5	3.8	0	- 0.15	0		0	- 0.3	1.5	+ 0.9	3	2	0	0	1	2	1	2	19	1	7	2	5	2	1	0	1	11	Dera Ismail Khan Baluchistan	
2.9	+ 1.6	3.7	0	- 0.13	0		0	- 0.2	2.0	+ 0.8	0	0	2	1	0	0	0	0	27	0	0	0	1	0	1	6	2	20	Fort Sandeman	
2.7	3.7	0.12	- 0.04	0.12	0.12	14	1	+ 0.5	4.5		0	0	0	0	1	28	1	0	0	0	4	5	19	1	0	1	0	0	0	Loralai
3.3	+ 1.8	3.9	0	- 0.02	0		0	- 0.1	1.7	- 0.3	7	1	0	1	0	0	0	3	18	0	0	1	6	10	6	2	1	4	Sibi	
2.4	+ 0.9	4.0	0.68	0.68	15	1		3.1	+ 1.4	0	2	3	9	7	1	0	0	0	8	11										

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of bar. oisern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.			Maximum temperature, °F.					Minimum temperature, °F.					Dry bulb temperature, °F.			Wet bulb temperature, °F.			Vapour pressure, millibars.			Rela tive humid %	
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22				
Sind																									
Jacobabad	... 183	1009.1		1006.4	87.6		93	7, 8	57.7		51	30	59.8	85.6	54.5	66.2	12.0		13.1	69					
Sukkur	... 221	1007.1	- 0.7	1004.6	87.9	+ 1.7	94	7	60.5	+ 2.4	55	28, 30	63.6	84.5	57.9	67.3	14.1	+ 2.4	15.1	70	+ 1				
Pad Idan	... 150	1009.6		1007.0	89.4		95	7, 8	52.9		46	28, 30	55.3	87.6	52.0	65.3	11.7		11.1	79					
Umarkot	... 55	1012.2		1009.7	92.2		97	8	58.3		51	25, 26	63.3	89.0	59.1	76.8	15.3		26.0	81					
Hyderabad	... 96	1011.2	- 0.8	1008.9	92.2	+ 3.4	98	7	61.2	+ 2.4	55	19	63.5	88.6	59.1	65.9	15.1	+ 3.5	11.5	77	+ 1				
Karachi (Manora)	... 13	1014.5	- 0.4	1012.0	85.0	- 0.2	93	18	68.8	+ 1.9	66	30	70.2	81.5	67.0	73.4	21.2	+ 5.6	24.5	84	+ 1				
Badin	... 31	1014.1	+ 0.6	1011.4	92.9	+ 2.7	98	11	59.0	- 0.9	53	26	60.9	90.3	58.6	68.8	15.7	+ 2.3	14.3	86	+ 2				
Rajputana, West																									
Sri Ganganagar	... 580	995.5		992.8	84.1	- 0.4	91	6	54.0	+ 6.2	42	29	58.7	81.1	52.9	63.8	11.0	+ 2.0	12.3	66	+ 1				
Bikaner	... 734	989.2	- 0.6	986.5	88.3		94	5, 8	49.5		45	4 days	54.9	86.1	47.4	62.3	11.3		8.9	53					
Phalodi	... 890	987.6		985.9	88.2		93	5, 6	57.0		52	30	59.6	86.5	51.4	66.4	9.4		18.7	54					
Jodhpur	... 736	990.1	+ 0.5	986.8	89.4	+ 1.8	94	7	54.2	- 1.5	48	28	59.0	86.5	48.9	61.2	7.3	- 0.6	7.0	44	-				
Barmer	... 638	992.9	+ 0.4	989.9	91.1	+ 1.7	95	6 days	55.8	- 5.1	49	29	61.1	87.2	51.3	63.3	8.4	- 2.0	9.0	47	-				
Rajputana, East																									
Jaipur	... 1,431	966.4	- 0.3	963.6	84.7	- 0.7	89	4 days	52.2	- 1.5	46	19	57.1	81.3	50.6	61.0	9.7	+ 0.3	9.1	61	+ 1				
Ajmer	... 1,593	961.0	- 0.1	957.9	84.5	+ 0.9	88	6 days	49.9	- 2.8	45	20, 28, 29	60.5	80.9	52.0	59.6	9.4	- 0.5	7.8	55	+				
Kotah	... 843	966.6	0	983.6	87.0	+ 0.3	91	8, 10, 11	57.1	- 2.0	54	6 days	60.6	83.5	53.7	62.0	10.9	+ 0.2	9.2	61	+ 1				
Brijnagar	... 1,053	979.4	+ 0.8	975.8	84.9	+ 0.2	88	10, 11, 12	51.4	- 2.4	46	22	55.3	81.6	51.7	60.5	11.5	+ 0.1	8.6	72	+ 1				
Rajsamand	... 1,682	952.2		949.5	88.8		88	8, 9	59.0		56	10, 30	62.3	80.0	54.5	60.3	10.9		9.1	60					
Gujarat																									
Deesa (R)	... 466																								
Bhuj	... 343	1003.5	+ 0.6	1000.5	90.6	+ 0.8	95	11	59.1	- 2.9	55	5 days	61.4	88.4	55.1	62.6	11.9	- 2.0	7.5	65	+ 1				
Dwarka	... 37	1013.9	+ 0.5	1011.0	88.3	+ 1.2	95	1	67.2	- 1.5	64	25, 26	68.7	83.5	64.5	67.2	18.7	- 0.5	14.2	78	+ 1				
Jamnagar	... 60	1013.7	+ 1.2		87.8	- 1.2	94	1	61.0	- 1.1	56	26	72.0		61.9		14.2	- 2.1	53	- 1					
Rajkot	... 432	999.9	+ 0.6	996.7	90.5	- 0.6	93	4 days	57.7	- 2.9	58	29	61.2	88.4	52.3	62.1	9.2	- 3.0	7.0	51	-				
Versaval	... 26	1031.1	+ 0.2	1010.2	91.9		96	1	60.2		56	26, 28	65.2	84.0	57.3	74.1	12.3		23.9	59	+				
Surat	... 39	1012.6	0	1010.0	95.3	+ 3.4	98	1, 10	64.1	- 0.8	58	28	71.9	90.2	64.4	75.4	17.0	+ 0.6	23.0	63	+				
Bhavnagar	... 55	1031.4	+ 0.9	1009.6	89.7	- 1.0	93	10, 11, 12	58.0	- 4.6	55	4 days	61.0	87.4	53.4	64.0	10.4	- 2.6	9.5	58	+				
Ahmedabad	... 163	1010.1	+ 0.9	1006.4	90.6	- 2.0	95	12	64.0	- 1.6	60	28	66.5	87.0	56.5	64.7	11.0	- 0.9	10.6	50					
Dohad	... 1,093	980.1		974.6	87.4	- 1.7	91	1	56.0	- 2.3	51	28, 29	58.4	85.1	53.0	62.7	11.2	- 2.1	9.1	67					
Baroda	... 115	1010.1		1007.6	91.4	- 0.1	94	11, 17	53.5	- 3.8	49	27, 28	60.3	85.7	56.3	69.7	13.5	- 2.1	17.2	77	+ 1				
Central India, West																									
Neemuch	... 1,626	960.2	+ 0.3	957.5	84.5	0	88	9, 10, 12	52.6	- 2.5	49	20, 25, 29	59.8	87.2	50.8	59.7	9.0	- 1.3	8.4	53	+ 1				
Indore	... 1,823	952.7	- 0.1	949.9	82.7	- 1.1	65	9, 30	50.3	- 4.3	46	21, 22	57.3	80.7	52.5	59.1	11.5	- 1.3	8.4	73	+ 1				
Bhopal	... 1,643	959.1	+ 0.1	956.3	83.6	0	85	7 days	52.3	- 2.9	47	22	62.1	80.2	53.6	59.9	10.7	- 1.2	9.4	56	-				
Guna	... 1,571	962.4	+ 1.1	959.8	83.9	+ 0.1	87	8, 10, 11	50.4	- 0.7	44	21	54.2	80.3	49.2	59.3	9.9	- 1.6	8.8	69	+ 1				
Gwalior	... 681	991.9		988.9	84.6		89	8	50.1		43	20, 21	62.2	78.9	54.5	61.1	11.0		10.3	59					
Madhosagar	... 757	989.4		986.5	85.6		90	8, 9	60.6		55	20, 30	64.3	81.0	55.3	61.1	10.9		9.4	53					
Central India, East																									
Nowrang	... 750	990.0	+ 0.2	986.6	83.4	+ 0.6	85	8 days	49.2	- 3.6	43	20, 21	53.8	80.7	51.3	62.5	11.8	- 1.2	11.3	84	+ 1				
Sutna	... 1,041	979.9	+ 0.4	977.2	82.8	+ 0.9	65	4 days	49.7	- 4.5	43	20	58.5	75.8	54.2	61.3	12.5	- 0.3	12.0	74	+ 1				
Umaria	... 1,506	962.9		959.5	80.9	- 0.6	90	28	47.8	- 4.4	43	4 days	59.2	76.7	53.2	60.9	11.4	- 1.7	12.0	67	-				
Berar																									
Akola	... 925	983.4	+ 0.4	979.5	87.5	- 0.5	90	5 days	55.2	- 3.2	50	21	59.2	85.7	53.6	66.7	11.5	- 1.9	13.1	67	+ 1				
Amraoti	... 1,218	973.5	+ 0.3	969.9	86.0	- 0.6	69	1, 10	61.3	- 1.3	55	3	67.2	84.3	55.0	61.9	9.3	- 3.6	8.8	41	- 1				
C. P., West																									
Khandwa	... 1,044	977.3	- 1.7	974.9	87.6	- 0.2	90	6 days	53.1	- 8.4	45	23	62.4	84.8	53.1	61.9	9.5	- 3.1	8.3	50	- 1				
Hoshangabad	... 992	980.9	- 0.7	977.4																					

Cloud amount (tenths of sky).			Rainfall, inches.			Number of rainy days (0-10° or more).		Wind velocity, miles per hour.	Wind direction—Number of winds from																STATION.					
Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	8 hrs. I. S. T.								17 hrs. I. S. T.											
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	q1	53	53	
1.6	1.9	0	0	0	0	0	0	0	3.1	2	1	4	0	1	1	2	2	17	3	0	3	7	9	3	3	1	1	Sind		
0.9	+0.1	0.7	0	0	0	0	0	0	2.2	-0.4	0	4	5	14	0	1	0	0	6	4	7	0	2	2	1	3	3	8	Jacobabad	
0.6	1.0	0	0	0	0	0	0	0	2.9	5	2	1	2	0	0	0	2	18	5	1	0	1	1	1	0	3	3	18	Sukkur	
1.3	0.7	0	0	0	0	0	0	0	3.4	2	5	2	10	3	5	0	0	3	0	2	0	0	0	5	6	17	0	Pad Idan		
0.8	-0.3	1.1	0	-0.06	0	0	-0.1	0	3.2	-0.3	5	1	0	0	5	5	1	2	11	5	3	1	1	6	7	1	0	6	Hyderabad	
1.6	+0.1	1.0	0	-0.08	0	0	-0.3	0	4.9	-0.4	3	11	8	0	0	0	2	4	2	0	0	0	2	0	15	18	0	0	Karachi (Manora)	
0	-1.3	0.1	0	-0.18	0	0	-0.4	0	3.1	5	3	1	1	1	4	5	7	3	6	2	0	2	5	5	4	3	3	Badin		
0.3	-0.5	0.6	0	-0.01	0	0	0	0	2.7	-0.8	1	1	8	6	1	1	0	0	12	1	4	0	1	0	0	1	10	13	Rajputana, West	
0.2	-1.0	0.4	0	-0.05	0	0	-0.1	0	1.1	-1.4	0	21	0	0	1	1	0	0	7	9	10	0	0	0	4	0	3	4	Bikaner	
0.5	1.3	0	-0.02	0	0	0	-0.1	0	4.5	1	1	0	1	18	10	1	1	2	3	1	0	0	2	3	4	13	4	Phalodi		
0.3	-1.0	0.5	0	-0.11	0	0	-0.2	0	0.6	-3.9	0	13	2	0	0	0	0	0	15	0	7	0	0	0	2	2	0	19	Jodhpur	
0.4	-1.0	0.6	0	-0.03	0	0	-0.2	0	1.7	-1.9	0	0	0	0	0	0	0	9	21	1	4	2	3	0	1	1	3	15	Barmer	
0.1	-0.8	0.4	0	-0.14	0	0	-0.3	0	2.5	-0.3	5	3	8	2	0	0	0	0	12	8	1	1	0	0	1	4	10	5	Rajputana, East	
0.1	-0.9	0.4	0	-0.19	0	0	-0.4	0	0.9	-0.3	0	0	0	0	0	0	0	0	30	1	4	2	0	0	0	6	5	12	Ajmer	
0.1	-1.2	0.5	0	-0.23	0	0	-0.5	0	1.0	+0.2	1	0	0	1	2	0	3	1	22	7	5	3	0	0	1	1	4	9	Kotah	
0.5	-0.8	0.5	0	-0.73	0	0	-1.1	0	1.1	-0.1	0	1	1	0	0	1	0	0	27	6	6	4	2	1	1	0	5	5	Brijnagar	
0.3	0.5	0	0	0	0	0	3.5	6	1	0	1	0	0	5	7	9	1	9	3	2	8	0	0	0	0	1	7	Rajsamand		
0.1	-1.0	0.2	0	-0.08	0	0	-0.2	0	2.6	-0.8	0	0	0	0	2	0	0	1	27	5	5	5	0	1	0	1	4	9	Gujarat	
0.8	-0.8	0.6	0	-0.08	0	0	-0.1	0	7.1	-0.2	11	10	5	3	0	0	0	0	1	7	6	2	0	0	0	3	12	Dwarka		
0.4	-0.7	0	-0.06	0	0	0	-0.2	0	5.7	+0.1	1	1	4	5	1	0	0	0	18										Jamnagar	
1.0	-0.4	0.7	0	-0.23	0	0	-0.3	0	4.0	-0.4	2	4	7	4	1	0	0	0	12	8	14	4	1	0	0	0	0	3	Rajkot	
1.3	-0.1	1.2	0	-0.17	0	0	-0.2	0	7.8	7	23	0	0	0	0	0	0	0	0	0	2	1	2	9	11	5	0	0	0	Veraval
2.5	+0.8	1.6	0	-0.32	0	0	-0.5	0	4.0	+1.2	0	6	11	1	0	0	0	0	12	1	8	6	1	0	0	0	2	12	Surat	
1.7	-0.2	0.8	0	-0.26	0	0	-0.3	0	2.9	-0.1	0	0	0	1	0	0	20	0	9	13	14	2	0	0	0	0	1	Bhavnagar		
0.5	-0.7	0.7	0	-0.14	0	0	-0.4	0	3.2	-0.2	0	17	13	0	0	0	0	0	0	5	11	6	1	0	0	0	2	5	Ahmedabad	
1.1	-0.8	1.3	0	-0.65	0	0	-0.9	0	4.3	+1.7	1	5	9	3	5	0	0	0	7	5	15	4	2	2	0	2	0	0	Dohad	
0.4	-1.0	0.7	0	-0.80	0	0	-1.5	0	1.6	-0.1	2	8	4	0	0	0	0	0	16	2	8	3	1	0	0	1	2	13	Baroda	
0.6	-0.6	0.7	0	-0.31	0	0	-0.4	0	2.7	-0.6	1	11	0	0	0	0	0	2	16	0	18	0	1	0	0	0	0	11	Central India, West	
1.2	-0.3	1.1	0	-0.60	0	0	-0.9	0	1.6	+0.1	0	2	3	2	1	0	0	0	22	2	22	0	2	0	0	0	1	3	Neemuch	
0.5	-1.2	1.2	0	-1.01	0	0	-1.2	0	1.3	-0.4	0	0	0	0	0	1	0	0	29	1	8	4	0	0	0	2	3	12	Indore	
0.6	-0.3	0.6	0	-0.87	0	0	-0.8	0	1.9	+0.6	0	0	5	4	0	0	0	0	21	17	3	1	0	0	1	2	1	5	Bhopal	
0.4	0.3	0	0	0	0	0	1.4	0	0	0	0	1	1	1	1	1	26	2	0	0	0	0	0	0	0	2	Guna			
0.3	0.5	0	0	0	0	0	4.1	1	0	0	0	1	25	2	0	1	8	7	2	1	0	0	0	3	8	1	Madhosagar			
0.3	-1.2	0.6	0	-0.43	0	0	-0.7	0	1.5	+0.7	1	0	0	0	12	6	2	0	9	5	14	0	0	0	0	2	8	1	Nowgong	
0.4	-1.1	1.1	0	-0.35	0	0	-0.7	0	1.4	-0.3	0	0	1	0	1	3	6	1	18	3	1	1	0	0	1	5	5	14	Sutna	
0.4	-2.1	1.1	0	-0.64	0	0	-0.7	0	0.9	-0.6	1	1	0	0	0	0	0	0	28	3	5	1	0	0	0	0	5	16	Umaria	
1.1	-1.2	1.5	0	-0.73	0	0	-1.0	0	2.7	+0.1	0	2	1	3	3	0	0	0	21	3	15	1	3	1	0	0	1	6	Berar	
1.2	-1.1	1.7	0	-0.66	0	0	-1.0	0	4.8	+1.5	1	21	8	0	0	0	0	0	0	3	15	0	4	1	2	0	5	0	Amracti	
1.0	-0.7	1.1	0	-0.76	0	0	-1.0	0	2.0	+0.3	0	1	0	1	0	0	0	0	28	10	12	1	3	0	1	0	3	0	C. P., West	
0.4	-1.3	0.7	0	-0.67	0	0	-0.9	0	2.0	+0.4	1	10	13	2	1	0	0	0	3	2	5	10	1	1	1	0	1	9	Hoshangabad	
0.9	-0.7	1.2	0	-0.63	0	0	-0.9	0	10.0	+7.5	2	3	6	8	0	3	5	3	0	4	11	4	0	0	2	4	5	0	Saugor	
0.6	-1.0	0.6	0	-0.43	0	0	-0.9	0	2.1	+0.9	1	0	0	6	6	0	1	0	6	10	12	1	3	1	0	0	1	2	Jubbulpore	
0.9	-1.0	0.7	0	-0.68	0	0	-1.0	0	2.9	+0.7	15	3	0	2	0	0	0	0	10	12	14	2	2	0	0	0	0	0	Seoni	
1.6	-0.9	1.9	0	-0.77	0	0	-1.1	0	2.4	-1.2	19	2	0	0	0	0	0	9	0	10	6	3	2	0	0	0	7	2	Nagpur	
1.3	-1.2	1.8	0	-0.72	0	0	-1.3	0	2.5	+0.5	7	2	0	0	0	0	0	8	13	7	1	1	2	3	1	0	8	7	C. P., East	
2.7	3.0	0	0	0	0	0	3.7	16	4	1	0	0	0	0	9</td															

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of bar. cistern sea level in feet.	Pressure reduced to 32°F and standard gravity millibars,				Maximum temperature, °F				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.				Relative humidity %								
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean	Departure from normal.	Highest.	Date.	Mean	Departure from normal.	Lowest.	Date.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22									
Konkan																														
Dahanu	15	1012.7		1010.0	90.0		94	2, 13	65.4		61	12, 27, 30	69.0	82.5	61.9	74.5	15.6			25.2	65									
Bombay	37	1011.9	+ 0.1	1008.9	91.5	+ 2.1	95	11	72.0	- 0.5	67	30	75.2	83.3	69.5	73.7	21.8	- 1.2	23.7	74	- 2									
Alibag	23	1012.4	+ 0.3		89.9	+ 1.5	95	13	68.6	- 1.1	62	26, 28	73.7		65.0		16.9	- 4.2		61	- 9									
Harnai	66	1009.7		1007.1	90.4		94	4	73.5		72	3, 5	78.1	83.9	67.1	74.6	17.4			24.7	55									
Ratnagiri	211	1005.6	+ 0.3	1002.5	92.2	+ 1.5	95	4 days	70.6	- 0.4	65	23, 24	77.8	83.8	65.8	73.1	15.9	- 3.4	22.5	51	- 7									
Devgad		1008.4		1005.1	90.8		94	20	70.7		66	4, 23, 27	74.6	85.4	66.2	74.8	17.9			24.4	63									
Marmagao	202	1005.5	+ 2.1	1002.0	89.7	+ 1.5	93	4 days	71.1	- 2.2	67	5	77.9	83.5	68.2	73.6	18.9	- 3.6	23.5	59	- 13									
Honavar	85	1009.1		1005.6	92.1		96	11	69.9		63	4	75.8	86.1	68.3	76.5	20.0			26.6	63									
Bombay Deccan																														
Jalgaon	660	991.9			988.5	87.6		91	1	53.8		48	23	60.4	86.8	54.3	65.6	11.5			11.7	62								
Malegaon	1,432	965.8	+ 0.3	962.4	86.7	- 1.0	90	11, 16	53.7	- 4.0	45	27	61.1	83.8	52.6	61.8	9.6	- 3.7	8.7	53	- 8									
Ahmednagar	2,154	941.3	0	937.9	85.2	+ 0.1	88	1, 2	55.7	- 2.5	46	27	62.2	82.5	55.8	64.8	11.9	- 2.0	14.1	64	+ 2									
Poona	1,834	951.9	+ 0.2	947.9	87.3	+ 0.7	92	10	55.3	- 3.2	47	27, 28	59.4	84.9	55.2	63.4	13.1	- 1.9	10.7	76	0									
Sholapur	1,570	960.6	+ 0.5	956.7	87.0	- 0.5	91	10	59.8	- 3.0	58	4 days	67.1	85.1	58.4	68.2	12.9	- 1.8	10.4	56	- 4									
Miraj	1,817	951.8	0	947.7	87.0	+ 1.8	91	10	60.7	- 1.9	50	28, 29	66.6	84.8	58.1	64.7	12.8	- 3.4	12.2	58	- 7									
Bijapur	1,950	947.7	+ 0.3	944.0	84.9	- 0.8	87	9 days	60.1	- 2.6	51	22, 27	68.2	83.4	59.4	63.9	13.5	- 2.7	11.9	59	- 6									
Belgaum	2,562	927.0	+ 0.2	923.7	84.0	+ 1.3	87	8, 10	59.2	- 2.3	52	28	65.6	82.2	57.9	62.6	13.0	- 2.8	10.9	62	- 7									
Gadag (R)	2,131																													
Hyderabad, North																														
Aurangabad	1,905	950.3	+ 0.1	946.8	85.9	- 0.2	89	10	58.5	- 1.8	51	22	65.9	83.2	56.2	63.8	11.1	- 2.3	12.0	53	- 4									
Parbhani	1,350	967.4		963.6	86.6		90	1, 11	55.8		49	5 days	64.7	83.6	56.8	63.5	12.2			10.7	57									
Bidar	2,178	939.7		936.8	80.9	- 2.2	84	9, 10	62.3	- 1.4	57	22, 23	67.1	78.3	60.7	62.0	15.2	- 1.4	11.9	69	+ 3									
Nizamabad	1,250	971.2	- 0.1	968.8	81.6	- 4.0	86	9, 10	58.5	- 1.9	51	26, 29	63.9	81.1	60.2	63.6	16.0	- 1.3	12.0	79	+ 8									
Peddapalli	755	987.2			86.5		92	18, 23	70.7		65	29	75.4		67.7		19.4												65	
Hyderabad, South																														
Gulbarga	1,503	962.7	+ 0.1	958.6	86.2	- 1.1	90	9, 10	54.2	- 9.0	46	26	68.5	84.1	60.0	64.4	13.9	- 2.4	12.1	60	- 4									
Raichur	1,311	968.3	- 0.4	965.1	84.7	- 1.9	88	7, 9, 19	65.2	- 2.4	57	22, 23	70.3	82.3	62.9	64.2	16.1	- 2.6	12.1	64	- 4									
Hyderabad(Begumpet)	1,778	953.6	+ 0.4	950.4	84.1	- 1.0	88	9, 10	57.9	- 3.7	50	4 days	64.9	78.2	60.8	65.2	16.3	- 1.4	15.5	79	+ 7									
Hanamkonda	881	984.2	+ 0.1	980.9	82.6	- 2.6	87	10	62.7	- 1.4	56	25, 26, 27	68.2	79.9	63.6	66.8	17.7	- 0.8	13.9	77	+ 5									
Khammameth	367	1001.7			998.2	86.3		91	8	63.9		55	27, 29	70.1	81.6	65.8	69.0	19.6			18.2	78								
Mysore																														
Chitaldrug	2,405	931.9	+ 0.6	928.5	82.5	- 0.7	87	8, 9	62.5	- 3.4	47	24, 25, 28	68.4	80.0	62.5	63.8	16.6	- 2.1	13.3	72	- 1									
Hassan	3,149	907.5		904.2	79.8	- 1.0	84	28	61.8	+ 0.4	54	24, 25, 30	67.5	77.0	62.1	64.7	16.5	- 2.3	15.4	75	- 4									
Bangalore	3,021	911.6	0	908.6	79.5	+ 0.2	85	8	61.8	+ 0.1	55	25	66.0	76.0	62.4	64.1	17.6	- 1.0	15.2	81	0									
Mysore	2,518	927.8	0	924.5	80.1	- 2.2	85	8, 9	64.1	- 0.3	59	6, 25, 30	67.4	78.8	64.2	67.1	19.0	- 0.2	17.6	84	+ 4									
Malabar																														
Mangalore	72	1009.0	- 0.6	1006.2	89.9	+ 1.5	92	2, 11	79.4	- 0.2	70	5 days	77.1	84.2	72.6	75.8	25.0	- 0.2	26.3	79	+ 1									
Calicut	27	1010.5	- 0.7	1007.4	87.4	+ 0.1	90	4 days	74.4	+ 0.5	78	6 days	77.9	84.8	75.0	79.2	28.0	+ 1.0	31.1	87	+ 2									
Palghat	319	1000.8		997.2	88.1		91	5 days	73.3		71	17, 23	76.7	83.4	71.8	74.5	24.1			24.7	78									
Cochin	10	1011.0	- 0.6	1007.9	85.5	- 0.2	88	9	75.0	- 0.3	72	4, 16	78.3	83.0	74.9	76.5	27.6	+ 0.5	27.9	85	+ 3									
Alleppey	12	1010.9		1007.9	86.7		89	22, 25, 26	74.6		71	29	79.0	83.2	76.2	77.3	29.1			28.9	87									
Trivandrum	200	1004.0	- 0.7	1001.4	86.4		90	15	73.4		72	5 days	76.0	81.5	74.1	76.3	27.4	+ 0.1	28.1	91	+ 3									
Madras, Southeast																														
Pamban	37	1010.4	0	1007.5	84.8	- 0.3	87	4 days	74.9	- 1.3	72	26	79.1	80.2	76.2	76.8	29.1	+ 0.1	29.5	87	+ 1									
Madura	437	997.0	- 0.2	993.5	86.1	- 0.6	91	9	78.4	+ 0.4	70	23, 28, 30	77.2	82.8	71.7	73.4	23.7	- 1.8	23.5	76	- 7									

Cloud amount (tenths of sky).		Rainfall, inches.				Number of rainy days (0-10 or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.					
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	8 hrs. I. S. T.								17 hrs. I. S. T.													
Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	
1.5	1.5	0	0	0	0	0	0	0	0	6.7	0	0	18	8	0	0	0	0	4	18	0	0	0	0	0	0	3	9	0	Konkan	
1.8	- 0.4	1.8	0.37	- 0.16	0.25	16	2	+ 1.2	5.3	- 1.0	0	6	19	5	0	0	0	0	0	14	0	0	0	0	0	0	1	15	0	Dahanu	
2.3	- 0.6	0	- 1.55	0	0	0	- 1.4	2.9	- 1.6	1	3	7	3	0	0	0	0	0	16	3	0	0	0	0	1	13	18	0	Bombay		
1.4	2.4	0	0	0	0	0	0	7.6	1	9	14	2	1	0	0	3	0	0	0	0	1	0	1	0	0	0	6	22	0	Alibag	
1.3	- 0.5	1.7	0.13	- 0.88	0.10	11	1	- 0.3	6.3	+ 0.8	0	12	13	5	0	0	0	0	0	0	0	1	0	1	0	0	0	24	5	0	Harnai
3.3	3.5	0.02	0.02	0.02	0.02	15	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	Ratnagiri		
3.3	- 0.1	3.1	0.35	- 0.85	0.30	16	1	- 1.4	5.6	+ 0.6	0	4	20	6	0	0	0	0	0	0	0	0	1	0	1	5	17	6	0	Devgad	
4.5	4.3	2.34	+ 0.46	2.12	15	3	+ 0.2	3.3	0	5	19	1	0	0	0	2	3	1	2	2	1	0	2	13	9	0	Marmagao				
																														Honavar	
1.4	1.4	0	- 0.78	0	0	0	- 0.9	0	1	22	6	0	1	0	0	0	0	0	2	2	22	2	0	0	1	1	0	0	0	Bombay Deccan	
1.5	- 0.9	1.7	0.63	- 0.24	0.61	16	1	- 0.2	2.6	- 0.6	1	2	1	0	0	1	12	4	9	0	24	3	1	0	0	0	0	0	0	2	Jalgaon
1.6	- 0.7	2.5	0.29	- 0.82	0.22	16	1	- 0.4	4.1	0	0	5	0	2	0	0	0	10	13	0	22	0	6	0	0	0	0	0	0	2	Malegaon
1.8	- 0.6	2.7	0	- 1.08	0	0	- 1.6	1.6	- 2.9	0	0	1	1	0	0	0	0	28	0	1	23	0	0	0	0	0	0	0	6	Ahmednagar	
3.3	+ 0.5	3.7	0.00	- 1.33	0	0	- 1.7	6.3	+ 0.2	1	11	6	5	1	0	0	0	6	0	16	13	1	0	0	0	0	0	0	0	Sholapur	
2.7	- 0.8	2.6	0	- 1.82	0	0	- 2.5	6.6	+ 1.6	0	7	12	1	0	0	1	1	8	1	8	19	1	0	0	0	0	0	0	1	Miraj	
3.1	- 0.9	3.7	0.17	- 1.10	0.17	13	1	- 0.8	1.8	- 0.6	2	8	12	2	5	0	0	0	1	0	18	0	3	0	1	0	1	7	0	Bijapur	
2.3	- 1.2	2.7	0.42	- 1.13	0.24	15	2	- 0.4	4.4	+ 1.2	0	5	25	0	0	0	0	0	1	6	21	1	1	0	0	0	0	0	0	Belgaum	
																													Gadag (R)		
1.1	- 1.7	1.9	0.20	- 0.75	0.16	17	1	- 0.3	4.6	0	0	13	12	3	0	0	0	0	2	3	11	9	6	0	0	0	1	0	0	Hyderabad, North	
1.8	2.8	0	- 1.86	0	0	0	- 1.8	0	16	0	0	0	0	1	0	0	5	2	23	4	0	0	0	0	0	0	0	1	Aurangabad		
3.0	- 0.1	3.4	0.01	- 0.86	0.01	13	0	- 1.7	5.8	+ 0.3	3	8	12	4	3	0	0	0	2	15	13	0	0	0	0	0	0	0	0	Parbhani	
1.7	- 1.0	1.7	0.13	- 0.56	0.13	13	1	- 0.1	3.0	+ 0.8	0	0	0	0	0	0	0	30	7	18	2	1	0	0	0	0	0	2	Bidar		
2.0		0		0	0	0		3.1		16	7	0	0	1	1	0	5	0											Nizamabad		
																													Peddapalli		
2.0	- 0.6	2.5	0.20	- 0.90	0.20	13	1	- 0.7	7.4	+ 1.5	4	20	6	0	0	0	0	0	2	14	14	0	0	0	0	0	0	0	0	Hyderabad, South	
3.1	+ 0.1	4.2	0.08	- 1.03	0.08	13	0	- 1.8	6.6	+ 1.2	0	15	9	4	1	0	0	0	1	1	13	11	5	0	0	0	0	0	0	0	Gulbarga
3.3	- 0.4	3.4	0.14	- 1.00	0.14	12	1	- 1.1	4.4	+ 0.6	3	2	7	0	0	0	0	1	17	1	13	10	3	0	0	0	0	0	3	Raichur	
2.8	- 1.1	3.4	1.04	- 0.06	0.70	10	3	+ 1.3	3.0	- 0.1	10	1	1	1	2	2	1	10	7	13	4	3	1	0	0	0	0	2	Hyderabad(Begumpet)		
3.2	4.3	3.10	1.80	1.80	11	2		2.1		17	2	3	0	0	0	0	0	8	18	4	4	1	0	0	0	0	0	3	Hanamkonda		
																													Khammameth		
5.9	+ 1.0	5.1	0.85	- 1.52	0.33	12	4	+ 0.6	5.7	+ 2.0	0	1	25	4	0	0	0	0	0	1	4	20	2	1	0	0	2	0	0	Mysore	
3.6	- 1.4	4.0	0.80	- 2.23	0.33	14	3	- 1.6	2.8	0	0	13	7	8	0	0	0	2	0	13	8	7	0	0	1	1	0	0	Chitaldrug		
6.1	+ 0.5	5.8	0.67	- 2.00	0.26	10	2	- 2.5	6.2	+ 1.8	0	15	15	0	0	0	0	0	0	14	15	0	0	0	0	0	1	0	Hassan		
7.4	+ 1.7	6.8	2.73	- 0.01	0.93	19	4	- 0.2	6.8	+ 1.8	1	22	6	1	0	0	0	0	0	8	9	10	2	0	0	0	0	1	0	Bangalore	
																													Mysore		
4.3	+ 0.1	5.0	4.84	+ 1.99	2.59	15	3	- 1.4	4.0	+ 0.9	0	2	27	0	0	0	0	0	1	1	0	0	0	0	0	7	5	2	Malabar		
6.1	+ 0.9	6.5	15.52	+ 10.06	6.89	15	7	+ 0.8	5.0	+ 1.2	0	13	12	4	1	0	0	0	0	1	2	0	0	2	5	15	5	0	Mangalore		
6.4	6.6	8.81	1.72	10	10			5.8		0	3	16	8	0	0	0	1	2	1	0	19	4	0	1	0	3	2	Palghat			
7.6	+ 2.6	7.1	13.56	+ 6.87	3.85	19	9	+ 0.6	4.3	+ 1.0	0	11	14	2	0	0	0	0	3	1	0	1	1	0	6	16	4	Cochin			
6.7	7.2	23.06	5.21	3	15			4.1		0	5	14	5	1	0	0	0	5	0	0	0	0	1	7	13	8	1	Alleppey			
5.7	+ 0.5	8.0	7.64	+ 0.66	1.82	15	10	+ 0.5	3.2	+ 0.6	1	12	3	2	0	0	0	2	5	0	2	0	0	0	7	11	8	1	Trivandrum		
6.1	+ 1.1	6.1	12.44	+ 0.72	2.53	10	16	+ 3.0	10.8	+ 1.9	15	7	0	0	1	0	0	7	0	13	10	0	1	1	0	4	0	0	Madras, Southeast		
6.8	+ 0.4	7.7	5.75	+ 0.02	1.96	11	7	- 1.0	3.6	- 0.5	7	5	3	0	0	0	1	3	11	5	12	6	0	0	0	0	0	7	0	Madura	
7.6	+ 0.9	8.3	22.36	+ 4.82	3.66	13	14	+ 1.0	9.3	+ 3.2	2	4	1	2																	

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. I. S. T. (2-30 HRS. G. M. T.)

STATION.	Height of barometer above mean sea level in feet.	Pressure reduced to 32° F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %						
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Departure from normal.	Mean 8 hrs. I. S. T.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
Madras Coast.																										
North																										
Nellore	66	1011.5	+0.7	1008.4	84.0	-1.3	89	2, 8	70.2	-1.7	64	29	73.9	79.7	71.4	72.7	24.9	-1.5	24.0	88	+2	7				
Ongole (R)																										
Masulipatam	10	1013.8	+0.4	1010.5	84.7	-0.1	90	20	70.1	-1.1	68	28	73.9	81.1	70.5	73.5	23.6	-1.1	24.5	83	+2	6				
Cocanada	26	1013.4	+0.5	1010.3	82.2	-0.9	86	2	69.9	-1.7	68	26, 29	75.1	80.4	69.3	71.8	21.5	-1.8	22.5	73	-3	6				
Vizagapatam	126	1009.4	-0.3	1007.0	84.2	+0.2	88	2	70.5	-1.9	62	28, 29	75.1	79.7	67.3	69.7	19.0	-2.4	20.0	65	-1	5				
Calingapatam	19	1013.5	0	1010.7	81.7	-1.8	85	1	67.8	-1.5	60	27, 28, 29	70.5	79.2	67.6	71.7	21.5	-1.9	22.8	85	+3	6				
Hill Stations, excluding Kashmir and Baluchistan																										
Shillong	4,921	853.4	+0.4	650.9	67.6	+1.6	73	4, 6	44.6	-1.6	42	13, 21, 25	61.0	58.5	53.0	56.0	10.6	-1.5	14.3	53	-13	8				
Cherrapunji (R)	4,809																									
Aijal	3,599	898.9			692.1	73.9		79	4, 14	59.7		54	98	64.1	64.9	60.5	62.1	16.6		17.9	81		8			
Darjiling	7,432	780.3	+1.4	777.5	61.4	+5.6	68	6, 16	42.9	-0.2	39	20, 24, 25	52.5	49.3	46.1	45.9	8.2	-1.0	9.2	63	-9	8				
Kalimpong	3,965								68.7	+1.9	72	2	46.6	-6.8	41	12 days	56.9	60.7	53.1	55.5	12.2	-1.0	13.1	77	0	7
Katmandu	4,998	870.9			868.0	73.0	+0.2	77	4	44.9	-0.8	31	21, 22	47.5	64.8	46.4	59.6	10.4	-0.2	15.5	92	+2	7			
Muktesar	7,592	773.5	-1.2	772.2	61.7	+2.9	65	6 days	44.0	+1.1	39	30	48.8	54.7	38.5	45.2	3.3	-0.8	6.0	37	-10	4				
Mussooree	6,940	799.3			798.2	60.1	+0.6	65	28, 29	45.2	+0.1	42	30	52.2	52.2	43.7	48.6	6.0	+0.2	10.1	51	+1	7			
Simla	7,224	784.0	+0.1	783.1	59.5	+1.2	66	4, 20, 21	45.6	+1.4	41	18, 19, 20	50.1	53.1	38.5	44.0	2.8	-1.4	5.8	33	-4	4				
Murree	7,113	787.3	0	786.3	57.7	-1.8	64	3, 4, 7	42.7	+1.7	32	17	46.8	53.2	37.8	44.0	4.5	+0.2	6.7	43	0	4				
Wana	4,456	864.7			862.1	70.8	+0.8	79	4	37.7	+2.2	32	30	40.5	67.7	35.2	48.8	4.9	+0.9	4.1	57	+1	1			
Cherat	4,272	873.2	0	871.4	67.6	+2.2	74	4, 7	50.4	+0.7	48	17, 18	54.6	61.3	45.7	50.3	6.8	+1.3	9.0	47	+2	4				
Parachinar	5,673	829.7	0	828.8	65.3	+0.6	73	3, 4, 7	41.1	+1.8	34	18	43.4	59.4	39.5	51.7	6.8	+2.0	10.5	72	+21	5				
Drosh	4,723	863.1	+1.3	859.2	66.2	+2.1	75	4 days	46.0	+2.4	41	18, 19, 20	47.9	62.5	39.5	46.6	4.9	0	4.4	43	-18	2				
Abu	3,945	884.3	+0.4	882.4	75.5	+1.8	79	5, 8	54.7	-3.1	51	4 days	59.3	70.7	48.1	53.5	7.0	-1.3	7.1	41	-7	2				
Pachmarhi	3,528	998.0	+0.5	896.5	74.0	-0.5	76	10, 23	46.0	-4.7	41	20, 21	56.1	70.1	50.6	57.6	10.4	-1.1	11.2	69	+9	4				
Mahabaleshwar	4,534	864.7	+0.1	963.2	76.2	+2.2	80	9, 10					60.1	70.1	52.5	58.4	10.2	-1.8	11.7	60	-9	4				
Mercara	3,781	886.7	0	884.2	74.5	-0.6	79	8, 30	60.8	+0.4	55	6, 25	64.1	72.0	61.8	64.6	17.7	+0.2	17.6	87	+1	6				
Ootacamund	7,364	780.6	+0.8	779.0	66.4	+2.7	72	26, 28	46.5	-1.6	86	23	51.4	58.6	50.1	55.2	11.7	+0.1	13.6	88	+9	8				
Coonoor	5,730	827.8						66.5	-0.5	75	30	53.8	0	44	23	59.3	56.7	14.6	+0.5	86	+7					
Kodaikanal	7,688	771.8	+0.4	770.8	61.6	+0.7	70	28	50.7	+1.3	47	28	53.9	55.8	52.1	54.4	12.5	+0.7	13.8	88	+6	9				
Ceylon																										
Colombo (R)	24																									
Trincomalee (R)	24																									
Hambantota	61	1008.2	-0.8	1005.6	84.7	-0.7	88	8	73.6	-0.8	71	14	76.7	81.5	74.5	77.0	27.9	+0.2	29.3	90	0	8				
Nuwara Eliya*	6,170	814.1	-0.7	812.2	68.2	+0.5	72	28	51.1	-0.4	44	1	59.5	63.0	57.2	59.2	14.9	+0.3	15.5	87	-2	8				
Afghanistan																										
Jalalabad	1,950	949.1			946.3	75.4		85	3	45.2		41	18, 27, 28	47.1	72.8	48.0	58.5	7.7		11.0	70		4			
Kabul	5,955	824.0			821.7	62.8	+1.7	73	4	34.0	+1.7	29	17, 18	37.0	58.6	31.5	54.5	4.1	+0.7	5.0	57	-3	3			
Kandahar	9,462	906.0			903.6	78.5		80	5, 6	37.4		30	30	39.0	71.5	36.2	55.0	6.2		8.1	76		3			

* II hr, observations refer to 15-30 hrs. I.S.T.

R—Register not received.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10' or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.					
Mean 8 hrs. I.S.T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	8 hrs. I. S. T.								17 hrs. I. S. T.								STATION.					
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52				
6.3	0	6.3	2.79	- 2.91	3.55	19	10	+ 1.2	3.7	+ 0.7	7	2	2	0	0	0	3	10	6	3	11	11	2	0	0	0	0	3				
3.0	- 0.9	4.6	0.22	- 5.56	0.18	8	1	- 3.7	5.1	+ 0.9	10	10	0	0	0	1	5	4	0	0	9	7	14	0	0	0	0	0	0	Madras Coast, North Nellore		
3.4	- 1.1	4.5	1.94	- 3.65	1.90	8	1	- 3.5	9.3	+ 2.3	8	14	0	0	0	0	0	2	6	0	13	5	12	0	0	0	0	0	0	Ongole (R)		
3.6	- 1.0	4.2	0.07	- 4.60	0.06	12	0	- 3.9	3.1	- 0.7	5	6	0	0	0	0	0	0	19	1	13	12	0	0	0	0	0	4	Masulipatam			
5.0	+ 1.4	5.6	1.67	- 1.72	1.35	12	2	- 0.7	9.0	+ 3.0	8	1	1	0	0	0	6	14	0	0	9	15	6	0	0	0	0	0	0	Cocanada		
1.1	- 1.5	7.1	1.42	- 0.19	0.55	8	4	+ 1.3	1.2	0	0	2	11	5	0	0	0	0	12	0	0	0	1	0	0	0	0	0	29	Vizagapatam		
2.1		1.4	0.95		0.88	4	1		4.0		0	1	24	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Madras Coast, North Nellore
1.8	- 1.8	3.8	0	- 0.81	0	0	- 1.2	3.2	+ 1.2	0	0	25	0	1	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	Darjiling
0.6	- 2.0	1.8	0	- 0.71	0	0	- 1.4	6.7	+ 0.2	1	0	0	0	0	0	0	29	0	0	0	0	29	1	0	0	0	0	0	0	0	0	Kalimpong
8.9	+ 1.3	1.8	0.03	- 0.03	0.03	24	0	- 0.2	0.9	0	0	0	0	0	0	0	0	30	11	0	0	0	0	0	0	1	1	17	Katmandu			
0.2	- 1.4	1.3	0	- 0.42	0	0	- 0.7	6.7	+ 2.1	0	5	4	2	1	2	9	6	1	0	0	0	0	0	0	11	16	2	1	1	17	Muktesar	
0.6	- 0.9	4.0	0	- 0.17	0	0	- 0.9	3.1	- 1.4	6	8	0	1	4	2	0	0	9	0	0	1	6	10	6	0	0	7	7	Mussooree			
1.1	- 0.5	1.8	0	- 0.52	0	0	- 1.1	1.9	- 0.8	8	8	3	0	2	1	0	0	8	12	2	0	3	3	2	0	4	4	4	Simla			
3.3	+ 1.3	4.7	1.50	+ 0.77	1.31	17	2	+ 0.8	5.5	+ 1.7	3	4	5	4	0	0	2	6	6	3	2	3	6	1	0	4	3	8	Murree			
2.6	+ 1.6	4.0	0	- 0.07	0.00	0	- 0.2	2.5		1	0	1	4	2	4	4	1	13	0	0	5	18	3	1	1	0	2	2	Wana			
2.5	+ 0.8	3.2	0.82	+ 0.45	0.55	17	2	+ 1.4	8.7	+ 1.7	20	0	0	0	0	0	0	10	9	0	0	3	1	0	0	0	0	17	Cherat			
2.5	+ 0.6	3.9	0.60	+ 0.20	0.20	29	3	+ 1.8	3.4	+ 1.3	26	0	0	0	1	0	1	0	2	1	0	13	9	6	0	0	0	0	1	Parachinar		
4.3	+ 2.2	4.5	0.04	- 0.30	0.04	29	0	- 1.2	2.3	+ 0.5	0	3	2	3	0	0	1	0	21	0	1	2	8	5	9	4	0	1	1	Drosh		
0.2	- 1.0	0.9	0	- 0.22	0	0	- 0.4	2.5	- 0.4	2	3	1	0	0	0	0	0	24	16	2	1	0	1	1	5	1	3	Abu				
1.0	- 0.9	1.6	0	- 0.74	0	0	- 1.2	1.6	- 0.3	2	11	0	0	0	0	0	0	17	2	17	1	1	0	0	1	6	2	Pachmarhi				
2.3	- 0.5	2.6	0	- 1.50	0	0	- 2.4	6.9	- 0.6	0	17	1	12	0	0	0	0	0	0	0	14	0	5	0	1	0	4	6	Mahabaleshwar			
4.7	- 1.3	4.8	2.64	- 0.36	0.95	19	6	+ 0.7	7.5	+ 3.4	0	14	15	0	0	0	0	1	0	12	13	0	0	0	1	2	2	Mercara				
5.7	- 0.1	6.8	8.20	+ 1.87	1.25	12	10	- 0.5	1.3	- 1.4	0	0	4	1	0	0	0	25	2	5	3	0	1	0	0	0	19	Ootacamund				
7.7	+ 1.3		23.32	+ 12.09	4.11	12	15	+ 2.3	3.7	+ 0.6	2	1	4	6	4	0	0	0	13										Coonoor			
7.6	+ 1.5	9.5	10.18	- 0.01	2.81	10	13	+ 0.2	6.5	- 1.0	7	3	5	4	1	0	1	5	4	4	1	1	5	1	0	1	10	6	Kodaikanal			
																													Ceylon			
5.5	+ 0.4	6.8	14.25	+ 7.24	4.14	16	12	+ 2.0			9	4	0	0	0	2	6	8	1	1	1	3	4	5	9	6	1	0	Colombo (R)			
7.0	+ 0.5	9.2	10.00	+ 1.33	1.71	9	18	+ 3.4																						Trincomalee (R)		
6.6	5.7	0.01		0.01		17	0		2.2		0	0	0	0	0	18	2	10	0	16	2	0	0	0	1	1	10	Hambantota				
4.6	+ 2.1	6.1	0.11	- 0.49	0.11	29	1	- 0.5	3.2	+ 1.1	2	1	0	0	5	5	6	6	5	8	10	0	2	1	0	0	2	7	Afghanistan			
3.8	4.0	0		0		0		1.4			0	5	0	2	0	3	0	0	20	0	0	0	1	2	15	3	4	5	Kandahar			

(R)—Register not received.

m—Mean of 18 days.

TABLE III—ABSTRACT OF OBSERVATIONS RECORDED

STATION.	Height of bar. cistern sea level in feet.	Pressure reduced to 32° F and standard gravity millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.				Relative humidity %			
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16	17	18	19	20	21	22			
Iran																									
Charbar (R)	25																								
Jask	18	1015.2		1012.9	84.6	+ 0.4	88	2	69.6	+ 1.0	64	30	72.4	83.3	66.7	72.6	19.9	+ 0.6	22.5	73	+ 6				
Bandar Abbas	29	1015.3		1012.4	86.9		93	12	67.6		61	30	75.0	83.4	69.8	75.1	22.6		25.9	77					
Bushire	14				79.5	+ 1.6	87	18	61.0	- 1.8	56	29	67.5	77.3	62.4	70.8	17.0	+ 0.3	22.8	74	+ 2				
Ispahan (R)	5,817																								
Mesched (R)	3,104																								
Seistan		968.0		959.9					46.9	+ 4.8	35	29	53.0	72.8	46.3	57.0	8.1	+ 0.9	9.5	60	+ 5				
Arabia																									
Bahrain	12	1015.2		1013.0	83.5	+ 2.1	91	2	71.6	+ 2.5	65	23,24,25	74.7	80.5	71.0	71.9	24.5	+ 2.8	22.5	83	+ 4				
Muscat (R)	15																								
Sharjah	18	1015.4		1013.0	87.5	+ 1.4	92	1	64.4	+ 0.9	56	30	69.1	84.5	63.8	72.3	17.7	0	21.6	74	- 2				

(R)—Register not received.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 4TH CLASS STATIONS—NOVEMBER 1

STATION.	Maximum temperature °F.				Minimum temperature °F.				Vapour pressure. millibars.				Relative Humidity %				Rainfall, inches.				Number of rainy days (0-10 or more).		Wind		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean dry bulb temperature 8 hrs. I. S. T. °F.	Mean wet bulb temperature 8 hrs. I. S. T. °F.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 6 hrs. I. S. T.	Departure from normal.	Mean cloud amount 8 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Resultant direction 8 hrs. I. S. T.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
Assam																									
Lumding									67.9	65.8	20.8	+ 0.6	89	- 8		0.02	- 1.13	0.02		30	0	- 1.9			
Bengal																									
Pabna	82.9	- 2.6	88	4, 5	62.4	- 0.7	57	19	68.7	65.7	20.8	- 1.0	85	+ 7		0	- 0.70	0		0	- 1.0				
Kashmir																									
Jammu	80.1	+ 2.1	84	5, 8	55.9	- 0.2	50	19	57.9	52.0	10.8	+ 1.5	65	+ 6	1.4	0.40	+ 0.12	0.25		17	2	+ 1.4	N		
Kargil	50.3	- 0.5	58	7, 8	30.2	+ 1.2	25	19	32.2	27.2	8.7	- 0.4	51	- 19	1.8	0.70	+ 0.57	0.40		17	2	+ 1.6	N 38 E		
Mysore																									
Balehonnur	79.8	+ 0.9	82	5 days	60.8	- 1.2	54	23	66.7	62.9	17.7	- 1.4				1.08	- 1.76	0.70		15	2	- 2.7			
Tibet																									
Yatung (Chumbi) ...	54.6	+ 2.4	61	15, 17	22.4	- 5.3	16	20	29.0	28.0	4.9	- 0.9	90	+ 7	1.5	0	- 0.44	0		0	- 0.9				
Iran																									
Zahidan	72.3	+ 3.5	80	4, 5	42.9	+ 6.4	30	80	60.4	46.9	6.1	+ 0.1	84	- 24	3.1	0.42	+ 0.28	0.38		15	1	+ 0.7	S 15 E		

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from														STATION.				
Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	4 hrs. G. M. T.							12 hrs. G. M. T.							STATION.				
											N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	95	26	27	28	29	30	31	33	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
2.1	+ 0.4	1.9	0.02	- 0.22	0.02	14	0	- 0.5	7.6	+ 1.0	4	17	2	0	0	0	1	6	0	0	0	2	2	4	14	9	0	0	Iran
2.8	8.8	0	0	0	0		0	5.2	1	19	0	0	0	0	0	0	4	6	0	0	0	0	1	24	4	0	0	1	Charbar (R)
2.5	+ 0.1	0.9	1.22	- 0.54	0.65	1	3	+ 0.4	6.9	+ 0.8	5	10	5	4	1	0	0	0	5	8	2	1	0	1	1	5	12	0	Jask
3.5	+ 1.5	3.4	0.17	+ 0.13	0.17	28	1	+ 0.8	0	0	0	0	0	0	0	0	7	23	0	0	0	0	0	0	0	0	2	28	Bandar Abbas
3.2	+ 0.2	3.4	0	- 0.85	0		0	- 1.2	4.9	- 2.0	5	0	0	1	3	1	0	7	13	11	4	3	4	1	1	0	6	0	Bushire
2.1	+ 0.1	1.8	0	- 0.66	0		0	- 0.4	0	0	8	13	9	0	0	0	0	0	4	0	0	0	0	0	9	17	0	Ispahan (R)	
																												Mashed (R)	
																												Seistan	
																												Arabia	
																												Bahrain	
																												Muscat (R)	
																												Sharjah	

(R)—Register not received.

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 5TH CLASS STATIONS—NOVEMBER 1945

DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0-10° or more).		DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0-10° or more).		
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.			Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	
Assam	Mawsynram (R)	...						Baluchistan	Harnai	...	0	- 0.18	0		0	- 0.3
Bengal	Bankura	0	- 0.65	0		0	- 1.1	Rajputana, East	Udaipur	...	0	- 0.11	0		0	- 0.3
	Rajshahi	0	- 0.53	0		0	- 0.8	Bombay Deccan	Khandala (R)	...						
	Sirajganj	0	- 0.69	0		0	- 0.8	Madras Southeast	Palamcottah	14.49	+ 7.06	3.35		11	12	+ 2.5
	Rangpur	0	- 0.40	0		0	- 0.5	Madras Deccan	Anantapur	1.09	- 1.28	0.68		12	2	- 1.7
	Cooch Behar (R)							Sikkim (R)	Lachung							
Bihar	Muzaffarpur	0	- 0.29	0		0	- 0.5									
	Chapra	0	- 0.36	0		0	- 0.5									
	Arrah	0	- 0.37	0		0	- 0.6									
United Provinces, West.	Meerut	0	- 0.18	0		0	- 0.3									
Punjab, East and North.	Dharampore	0	- 0.32	0		0	- 0.8									
	Kyelang															
	Dalhousie	0.45	+ 0.31	0.30		18	2	+ 1.1								
Kashmir	Sonamarg	1.84	+ 0.29	0.84		17	6	+ 3.1								
	Gurez	1.81	+ 0.28	0.45		29	5	+ 2.1								

(R)—Register not received.

INDIA WEATHER REVIEW, 1945

Monthly Weather Report

DT 24 Dec

December

Published by authority of the Government of India

Chief Features.—(1) Deficient rainfall over the country on account of (a) the five western disturbances which affected the country being generally feebler than usual, and (b) the northeast monsoon being weak except for a brief spell in the first week.

(2) One depression and a cyclonic storm formed in the Bay in the first half of the month.

The first western disturbance of the month passed across the north of the country between the 4th and 7th, causing little rain. The second disturbance which affected northwest India between the 7th and 9th, only caused local showers in Kashmir, and isolated falls in Baluchistan, the North-West Frontier Province and the hills of the west United Provinces.

The next western disturbance passing across the extreme north of the country induced a shallow 'low' in the Punjab on the 18th, which became unimportant by the next morning giving local rain in Kashmir, and light showers in Baluchistan on the 17th and 18th. Immediately in its wake a fairly active western disturbance approached north Baluchistan and moving across the Punjab passed into Tibet by the 21st. It caused local precipitation in Baluchistan and Kashmir and a few showers in the east and north Punjab. The last one approached Baluchistan on the 24th and moving eastwards lay as a trough of low pressure over the central parts of the country on the 26th, and became unimportant by the next day. In association with it local showers occurred in the east United Provinces and Bihar, while a few showers fell in Kashmir, the east Central Provinces and Chota Nagpur.

The northeast monsoon strengthened in the southwest Bay on the 4th resulting in the formation of a depression centred near Lat. $9\frac{1}{2}^{\circ}$ N., Long. 83° E. on the 5th morning. Moving westwards the depression was centred about 100 miles of northeast of Trincomalee on the 6th and by the next morning had passed away across Ceylon as a low pressure wave. Locally heavy showers occurred along the south Coromandel coast from the 4th to 7th. Some of the noteworthy amounts of rainfall were: 4th, Negapatam 1.4"; 5th Negapatam 2.4" and Pamban 1.5"; 6th Pamban 2.7"; 7th, Pamban 1.1".

A northward extension of the seasonal trough in the Bay resulted in an inflow of moist winds as far north as east Bengal and caused local rain there on the 10th. Conditions became unsettled in the southeast and the adjoining east central Bay of Bengal on the 12th morning and by that night probably a cyclonic storm had formed with its centre within 50 miles of Lat. 10° N., Long. 85° E. The storm intensified further and was centred on the 14th morning near Lat. 12° N., Long. 84° E. Thereafter, it recurred northeastwards, weakened and lay as a trough of low pressure in the west central Bay by the 16th morning. Associated with it, general light showers occurred along the north Madras and the Orissa-Circars coasts and round the head of the Bay of Bengal from the 13th to 15th, and in southeast Madras on the 15th.

Night temperatures were generally below normal in the country during most of the month, and markedly so in the north Deccan, Gujarat and the central parts of the country.

The total rainfall of the month was in large excess in Bengal and Orissa, and normal in Bihar and the east United Provinces. It was in slight defect in Malabar, in moderate defect in Assam, Kashmir and the east Central Provinces, and in large defect in Chota Nagpur, the Punjab, the North-West Frontier Province, Baluchistan, Sind, east Central India, Berar, southeast Madras, the Madras Deccan and the north Madras coast. Elsewhere no rain fell. Averaged over the plains of India, the rainfall was in defect by 62 per cent.

The mean maximum temperature was normal. The mean minimum temperature was below normal in Chota Nagpur, Bihar, the United Provinces, northwest India outside the North-West Frontier Province, in Central India, Berar, the west Central Provinces, the Konkan, the Bombay Deccan and south Hyderabad.

The mean relative humidity was in defect in Kashmir, Baluchistan, west Rajputana and the Bombay Deccan.

The mean cloud amount was in excess in Malabar, and in defect in Chota Nagpur, the United Provinces, northwest India outside the Punjab, in Central India, Berar, the west Central Provinces, the Konkan, the Bombay Deccan and north Hyderabad.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 31 sub-divisions; these means are based on observations at stations, the monthly mean data for which are given in the subsequent tables.

N. B.—The Indian Standard Time used in this publication is 5 hours 30 minutes in advance of G. M. T.

Poona No. 5: }
The 25th January 1946. }

S. BASU,
for Director-General of Observatories.

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS—DECEMBER 1945

	RAINFALL.				DEPARTURE FROM NORMAL OF					RAINFALL.				DEPARTURE FROM NORMAL OF					
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	8 hrs. I. S. T.			Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	8 hrs. I. S. T.			
							Vapour pressure.	Relative humidity.	Cloud.							Vapour pressure.	Relative humidity.	Cloud.	
1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Division	"	"	"	"	"	"	mb.	%		Division—contd.	"	"	"	"	"	mb.	%		
1. Assam	0.19	0.27	-0.08	-30	+0.9	-0.9	-0.6	-3	+0.1	9. Rajputana	0	0.17	-0.17	-100	-1.9	-4.1	-1.5	0	-1.5
2. Bengal	0.47	0.22	+0.25	+114	0	-0.4	-1.0	-1	+0.2	10. Bombay	0	0.18	-0.18	-100	-1.1	-3.2	-2.2	-3	-0.7
3. Orissa	0.55	0.21	+0.34	+162	-1.5	-1.9	-1.5	0	+0.2	11. Central India	0.05	0.32	-0.27	-84	-1.0	-4.4	-1.9	+3	-1.0
4. Bihar	0.13	0.18	-0.05	-28	-0.8	-2.3	-1.1	+2	-0.3	12. Central Provinces and Berar.	0.08	0.36	-0.28	-78	-1.3	-2.0	-1.7	-3	-0.4
5. United Provinces	0.16	0.40	-0.24	-60	-0.9	-2.8	-1.2	+3	-0.9	13. Hyderabad	0	0.21	-0.21	-100	-1.4	-2.2	-2.3	-2	-0.6
6. Punjab	0.04	0.48	-0.44	-92	+0.2	-2.4	-0.9	+3	-0.4	14. Mysore	0	0.46	-0.46	-100	+0.9	-0.7	-1.2	-1	+0.1
7. North-West Frontier Province	0.01	0.50	-0.49	-98	+0.3	-1.8	-0.3	-3	-1.0	15. Madras	0.88	2.41	-1.58	-63	-0.5	-1.0	-1.6	-2	+0.2
8. Sind	0.02	0.12	-0.10	-83	+0.1	-3.5	-0.9	+3	-0.8	Mean of India	0.19	0.50	-0.31	-62	-0.7	-2.4	-1.5	0	-0.5
Sub-division										Sub-division—contd.									
1. Bay Islands										18. Central India, West.	0	0.27	-0.27	-100	-1.6	-3.9	-2.1	+2	-1.1
2. Assam	0.19	0.27	-0.08	-30	+0.9	-0.9	-0.6	-3	+0.1	19. Do. do. East.	0.11	0.39	-0.28	-72	-0.2	-4.9	-1.6	+4	-1.0
3. Bengal	0.47	0.22	+0.25	+114	0	-0.4	-1.0	-1	+0.2	20. Berar	0.23	0.49	-0.26	-53	-1.5	-2.3	-2.3	-3	-0.8
4. Orissa	0.55	0.21	+0.34	+162	-1.5	-1.9	-1.5	0	+0.2	21. Central Provinces, West.	0	0.44	-0.44	-100	-0.9	-2.1	-2.0	-5	-0.4
5. Chota Nagpur	0.03	0.28	-0.20	-87	-1.5	-2.8	-1.2	0	-0.7	22. Do. do. East.	0.11	0.21	-0.10	-48	-1.8	-1.8	-1.2	-2	-0.1
6. Bihar	0.16	0.15	+0.01	+7	-0.5	-2.0	-1.0	+3	-0.1	23. Konkan	0	0.22	-0.22	-100	-1.3	-2.2	-1.8	-3	-0.5
7. United Provinces, East.	0.31	0.36	+0.01	+3	-1.0	-2.4	-1.3	+3	-0.7	24. Bombay Decoan	0	0.28	-0.28	-100	+0.4	-2.9	-2.8	-7	-0.5
8. Do. do. West.	0	0.50	-0.50	-100	-0.7	-3.3	-1.0	+5	-1.1	25. Hyderabad, North	0	0.23	-0.23	-100	-1.6	-1.8	-2.0	+1	-1.0
9. Punjab, East and North.	0.06	0.68	-0.62	-91	-0.8	-2.6	-0.8	+5	-0.3	26. Do. South	0	0.20	-0.20	-100	-1.3	-2.6	-2.5	-5	-0.3
0. Do. Southwest.	0.01	0.25	-0.24	-96	+0.8	-2.2	-1.1	+2	-0.5	27. Mysore	0	0.46	-0.46	-100	+0.9	-0.7	-1.2	-1	+0.1
1. Kashmir	0.97	1.59	-0.62	-39	-1.1	-2.1	-0.8	-12	-1.4	28. Malabar	1.16	1.40	-0.24	-17	-0.3	-0.4	+0.6	+2	+1.0
2. North-West Frontier Province.	0.01	0.50	-0.49	-93	+0.3	-1.8	-0.3	-3	-1.0	29. Madras, Southeast	1.51	1.55	-3.04	-67	+0.3	-0.7	-2.1	-2	+0.3
3. Baluchistan	0.21	0.64	-0.48	-67	-1.1	-3.5	-1.5	-6	-0.7	30. Do. Deccan	0.08	0.30	-0.22	-73	-0.5	-1.5	-2.6	-5	-0.4
4. Sind	0.02	0.12	-0.10	-83	+0.1	-3.5	-0.9	+3	-0.8	31. Do. Coast, North	0.19	1.06	-0.87	-82	-2.0	-1.3	-1.7	-1	-0.2
5. Rajputana, West.	0	0.13	-0.13	-100	-1.9	-3.3	-1.6	-6	-1.5										
6. Rajputana, East.	0	0.21	-0.21	-100	-1.9	-4.7	-1.4	+5	-1.5										
7. Gujarat	0	0.07	-0.07	-100	-2.3	-3.9	-1.9	+1	-1.0										

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. I. S. T. (2-30 HRS. G. L.

STATION.	Height of bar. distant above mean sea level in feet.	Pressure reduced to 32° F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Rela hum %						
		Mean 8 hrs. I. S. T.		Departure from normal.		Mean.		Departure from normal.		Highest.		Date.		Mean.		Departure from normal.		Lowest.		Date.		Mean.				
		Mean 17 hrs. I. S. T.	Departure from normal.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean.	17 hrs. I. S. T.	Mean.	Departure from normal.	Lowest.	Date.	Mean.	17 hrs. I. S. T.	Mean.	Departure from normal.	Mean.	17 hrs. I. S. T.	Mean.		
1	"	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
Bay Islands																										
Port Blair	261																									
Assam																										
Dibrugarh	348	1006.1	- 0.1	1001.9	74.6	+ 0.6	80	14	48.9	- 2.2	43	26	58.2	63.1	55.8	59.2	14.1	- 1.0	15.4	86	-					
Sibsagar	317	1006.2	- 1.1	1002.2	74.5	+ 2.3	78	20, 22	50.3	- 0.6	44	26	55.5	66.1	55.0	61.1	14.5	- 0.9	16.2	96	-					
Tezpur	258	1008.6	- 0.9	1004.4	76.5	+ 1.3	79	8 days	51.5	- 2.6	47	26	59.0	67.0	56.0	61.1	13.9	- 1.5	15.7	82	-					
Gauhati	182	1010.8	- 0.7	1006.8	78.1	+ 2.4	81	2	52.2	- 0.5	48	4 days	58.8	69.7	57.0	62.5	15.0	- 0.9	16.2	83	-					
Dhubri	115	1012.4	- 1.3	1009.0	73.6	- 0.5	80	2, 22	55.0	- 0.7	47	25	59.2	69.5	56.7	62.2	14.6	- 1.2	15.7	85	-					
Silchar	96	1012.8	- 1.4	1009.3	81.5	+ 1.7	89	18	55.8	+ 1.1	48	26, 30	60.5	73.7	58.4	64.7	15.8	- 0.5	16.8	88	+					
Srimangal	69	1013.4	- 1.1	1010.1	78.8	- 1.6	84	18	50.9	+ 1.4	43	26, 31	60.1	69.9	59.1	64.8	16.7	+ 1.5	18.7	94	+					
Bengal																										
Cox's Bazar	38	1014.1	- 0.4	1011.3	79.1	- 0.6	94	10, 11	60.8	+ 2.1	52	8, 26, 27	69.2	71.4	64.6	66.0	18.7	+ 0.1	19.3	77	-					
Chittagong	87	1012.1	- 1.4	1009.3	78.7	- 0.3	83	5 days	58.5	+ 1.3	51	31	65.4	71.2	61.7	65.0	17.2	- 0.2	18.4	80	-					
Noakhali	22	1015.2	- 0.7	1012.3	79.1	+ 0.6	83	1, 2, 17	59.8	+ 0.1	54	15	63.4	73.4	61.3	65.5	17.6	+ 0.1	17.8	86	+					
Comilla	29	1014.6	- 1.3	1011.9	79.9	+ 0.7	85	14, 20	56.2	+ 1.4	51	23, 26, 27	62.4	73.6	59.9	65.5	16.5	- 0.5	17.8	85	+					
Brahmanbaria	32	1014.9		1011.6	79.4	- 0.4	83	4 days	57.0	+ 1.6	50	26	64.7	73.0	61.2	65.4	16.9	+ 0.2	18.0	81	+					
Narayanganj	26	1014.7	- 1.3	1011.7	80.4	+ 1.9	85	14	56.7	- 0.8	50	25, 26	62.3	72.6	58.8	68.1	15.3	- 1.1	15.4	80	-					
Mymensingh	62	1014.4	- 0.7	1011.2	79.1	+ 1.4	84	15	55.4	- 0.4	48	25	61.9	73.3	59.2	64.4	16.1	0	16.9	84	-					
Faridpur	27	1015.2	- 0.7	1012.0	74.9	- 1.5	79	1	54.0	- 0.9	48	26	62.0	68.5	59.0	62.5	15.7	- 0.6	16.6	83	-					
Barisal	11	1015.2	- 0.9	1012.4	78.7	+ 0.6	84	1, 14	57.5	+ 0.9	52	26, 27, 31	63.6	72.5	59.9	63.5	16.0	- 1.1	15.9	79	-					
Khulna	16	1016.1	- 0.6	1012.9	79.5	+ 0.8	85	1	56.0	- 1.3	47	26	63.9	70.6	58.2	62.6	14.1	- 1.8	15.7	69	-					
Jessore	26	1015.3	- 1.2	1011.9	79.6	+ 0.7	84	3	50.0	- 1.5	41	26	60.3	69.8	57.7	61.0	15.2	- 0.3	14.3	85	+					
Satkhira	16	1015.7	- 0.8	1012.5	78.0	- 2.6	83	1	53.0	- 1.4	43	26	59.9	72.0	56.4	64.4	13.9	- 1.8	17.2	79	-					
Dum Dum (R)	33																									
Calcutta	21	1016.0	- 0.8	1012.8	78.6	- 0.8	84	1	55.2	+ 0.2	47	26	59.3	70.9	55.6	61.2	13.6	- 1.1	13.9	77	-					
Saugor Island	10	1015.8	- 1.1	1012.7	75.4	- 1.5	81	3	59.3	+ 0.1	51	25, 26	65.4	70.1	59.4	61.7	14.6	- 2.7	14.9	69	-					
Sandheads	28	1015.1	- 1.1	1012.6																						
Midnapore	149	1011.5	- 0.8	1008.0	78.0	- 1.8	84	2	52.7	- 2.8	45	26	57.3	74.8	52.7	59.6	11.6	- 1.4	10.7	72	+					
Burdwan (R)	106																									
Krishnagar	48	1015.0	- 1.0	1011.7	79.6	+ 0.9	86	2	50.7	- 2.4	42	25, 26	59.2	71.5	55.5	61.6	13.5	- 0.9	14.2	78	+					
Asansol	414	1002.4	- 0.6	993.5	77.3	- 1.3	83	2	51.2	- 2.2	45	25, 26	56.5	72.9	51.6	58.6	10.8	- 2.1	10.3	70	-					
Berhampore	62	1014.7	- 0.9	1011.3	78.3	+ 1.2	85	2	53.4	- 1.7	45	25, 26	61.0	71.6	55.9	61.4	13.0	- 1.6	14.1	70	-					
Bogra	63	1013.7	- 1.4	1010.7	77.9	+ 1.2	84	15, 20	54.2	- 0.3	48	25	59.5	71.8	56.5	62.8	14.3	- 0.7	15.4	81	+					
Malda	103	1013.3	- 1.0	1010.2	77.4	+ 0.3	81	1	50.7	- 1.3	41	25	59.2	69.9	54.9	61.0	13.2	- 1.0	14.3	75	-					
Dinajpur	123	1011.9	- 1.1	1009.2	77.4	+ 0.3	81	1	50.7	- 1.3	41	25	59.3	69.3	55.7	61.7	13.6	- 0.6	16.1	79	-					
Jalpaiguri	271	1007.2	- 0.9	1003.7	78.1	+ 1.4	84	15, 18	50.8	- 2.4	45	24	54.3	71.9	51.9	61.4	12.1	- 2.4	13.9	85	-					
Orissa																										
Balasore	65	1014.7	- 0.7	1011.4	77.5	- 2.5	84	1	54.4	- 1.3	48	19	61.1	71.2	55.1	61.0	12.1	- 2.0	13.8	66	-					
Chandbali	20	1016.2	- 0.2	1013.0	78.2	- 2.1	85	1, 24	54.7	- 3.1	48	18	61.0	71.8	56.9	61.8	14.0	- 1.9	14.3	77	-					
Puri	20	1016.0	- 0.4	1012.9	78.7	- 1.8	84	4	60.9	- 1.6	56	19	64.3	73.4	58.9	64.1	14.5	- 2.5	16.1	71	-					
Gopalpur	56	1014.6	- 0.6	1011.5	78.1	- 2.3	84	2	59.6	- 1.4	55	18, 19	65.1	78.5	62.0	67.1	17.6	+ 0.5	19.7	83	+					
Cuttack	87	1014.0	- 0.6	1010.6	81.3	+ 0.1	87	2	56.6	- 2.1	50	18, 19	60.8	74.9	57.1	63.3	14.3	- 1.4	14.6	79	+					
Angul	455	1001.0	- 0.3	997.5	79.0	- 1.0	84	24	53.7	- 1.3	47	18	61.1	73.7	56.0	60.6	12.8	- 1.6	12.2	69	-					
Sambalpur	486	999.7	- 1.0	996.1	79.3	- 0.9	84	1	51.1	- 2.7	44	18	56.2	75.7	53.5	62.7	12.8	- 1.3	13.5	83	+					
Chaitasa	423	1002.8	0	998.8	78.2	- 1.6	83	2, 23	49.4	- 2.1	43	19	56.0	72.5	52.1	59.2	11.5	- 1.3	11.1	75	-					
Ranchi	742	990.9	- 0.6	987.3					49.8	- 1.8	44	18	56.0	72.9	52.3	61.4	11.8	- 1.4	13.4	77	-					
Hazaribagh	2,150	942.5	- 0.3	939.7	72.2	- 0.7	77	5 days	46.6	- 4.0	40	25	56.4	66.4	49.3	54.7	9.0	- 1.2	9.7	59	-					
Daltonganj	2,006	947.9																								

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity miles per hour.		Wind direction—Number of winds from														STATION.				
Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	8 hrs. I. S. T.							17 hrs. I. S. T.											
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
3.2	- 0.1	1.8	1.21	+ 0.58	0.64	1	2	+ 0.6	1.1	+ 0.6	2	9	14	1	1	0	1	2	1	0	1	2	0	0	0	0	0	0	28
7.9	+ 0.5	3.2	0.21	- 0.37	0.14	1	1	- 0.5			2	9	5	4	1	1	1	1	7	4	4	1	1	0	1	2	2	1	5
1.2	- 1.3	0.7	0	- 0.25	0	0	0	- 0.7	1.7	+ 0.3	0	4	18	0	0	0	0	0	9	0	1	1	0	0	0	0	0	0	29
3.1	+ 0.7	2.3	0	- 0.16	0	0	0	- 0.5	1.9	+ 0.8	2	9	2	9	0	0	0	0	9	0	5	12	0	0	2	0	0	0	12
1.7	+ 0.1	0.4	0	- 0.07	0	0	0	- 0.1	3.5	0	6	8	9	0	0	3	1	1	3	7	3	9	0	0	3	0	1	1	8
2.4	- 0.1	1.5	0.05	- 0.37	0.05	13	0	- 0.7	0.9	0	1	10	4	6	0	1	0	0	9	1	4	1	0	1	5	1	0	18	
2.7	+ 1.1	1.3	0.07	- 0.18	0.07	12	0	- 0.5	1.3	0	0	3	2	0	1	1	2	1	21	0	1	0	0	2	2	3	1	22	
3.1	+ 1.0	2.8	3.82	+ 2.84	2.16	12	3	+ 2.4	2.1	+ 0.7	6	9	2	0	0	0	0	3	11	4	0	0	0	0	0	1	10	16	
2.6	+ 0.6	3.1	4.25	+ 3.61	2.11	11	3	+ 2.3	3.0	- 0.6	13	8	5	0	0	0	0	0	5	13	1	0	1	0	0	6	5	5	
2.5	+ 0.9	2.4	2.03	+ 1.75	2.03	11	1	+ 0.6	3.5	+ 1.9	21	4	0	0	0	0	0	2	4	4	1	0	2	0	0	10	12	2	
2.3	+ 1.0	1.9	0.25	- 0.05	0.16	11	4	+ 0.6	2.0	+ 0.9	8	0	0	0	0	0	0	1	22	0	0	0	0	1	0	0	2	28	
1.5	0.2	0	- 0.31	0	0	0	- 0.5	1.6		7	2	1	0	2	1	0	1	17	0	0	0	0	0	0	0	0	5	26	
1.3	- 0.6	1.3	0	- 0.20	0	0	0	- 0.4	0.4	- 0.8	9	2	0	0	0	0	0	11	9	1	0	0	0	0	0	1	9	20	
2.2	+ 0.3	1.3	0	- 0.09	0	0	0	- 0.3	1.4	+ 0.8	2	2	4	0	0	0	2	6	15	0	0	0	0	0	1	3	1	26	
1.5	+ 0.2	0.5	0	- 0.15	0	0	0	- 0.3	1.9	+ 0.4	1	4	0	1	0	0	1	19	5	0	1	0	0	0	0	0	1	29	
2.1	+ 0.7	1.6	0.75	+ 0.50	0.66	11	1	+ 0.5	2.4	+ 1.1	7	0	0	0	0	0	2	10	12	0	0	0	0	1	0	0	0	30	
1.6	0	1.8	0	- 0.19	0	0	0	- 0.3	2.7	+ 0.8	14	2	0	0	0	0	2	6	7	2	0	0	0	1	0	0	1	27	
1.1	- 0.2	0.6	0	- 0.18	0	0	0	- 0.4	1.7	+ 0.7	17	1	0	0	0	1	1	4	7	1	0	0	0	0	0	0	0	30	
1.3	- 0.1	1.1	0	- 0.17	0	0	0	- 0.3	1.5	+ 0.5	9	0	0	0	0	0	0	2	20	0	0	0	0	0	0	0	2	29	
1.1	- 0.6	1.4	0	- 0.18	0	0	- 0.3	1.8	- 0.1	9	2	0	0	0	0	0	9	11	6	0	0	0	0	0	0	6	19		
1.4	- 1.0	1.7	0.07	- 0.14	0.05	14	0	- 0.4	8.7	+ 3.2	18	7	0	0	0	1	0	5	0	20	2	0	1	3	2	0	3	0	
2.5	+ 0.2	2.2	0.22	+ 0.07	0.10	14	1	+ 0.7			16	12	0	0	0	0	0	1	2	22	5	1	1	0	0	0	0	2	2
1.4	- 0.2	1.2	0	- 0.16	0	0	- 0.3	3.3	+ 1.9	21	4	0	0	0	0	0	0	0	6	20	5	0	0	0	0	0	0	6	
1.3	- 0.3	0.7	0	- 0.11	0	0	- 0.2	1.1	0	5	1	0	0	0	0	0	2	13	10	0	0	0	0	0	0	0	2	29	
1.8	+ 0.1	1.2	0.05	- 0.13	0.05	28	0	- 0.4	4.4	+ 1.1	11	0	0	0	0	0	7	10	3	18	1	0	0	0	0	0	8	4	
1.7	0	1.3	0	- 0.16	0	0	- 0.4	0.1	- 0.8	3	0	0	0	0	0	4	6	18	6	0	1	0	0	0	0	1	23		
1.5	+ 0.1	1.5	0	- 0.09	0	0	- 0.2	1.8	+ 0.8	10	5	2	0	0	2	6	4	2	0	0	0	0	0	0	9	16			
1.4	+ 0.6	1.3	0	- 0.07	0	0	- 0.2	3.6	+ 0.8	8	2	0	0	2	1	0	15	3	3	0	0	0	0	0	4	17	7		
1.0	- 0.2	0.8	0	- 0.06	0	0	- 0.1	0.8	- 0.4	2	8	0	0	0	1	7	1	12	0	1	0	0	0	0	1	0	29		
1.5	+ 0.3	1.2	0	- 0.17	0	0	- 0.4	1.7	+ 0.9	14	3	0	0	0	2	2	6	4	0	2	2	0	1	4	2	0	20		
1.7	- 0.2	2.3	0	- 0.16	0	0	- 0.3	2.4	+ 0.8	17	3	0	0	0	0	0	0	8	3	1	0	1	2	1	0	0	1	25	
1.5	- 0.6	1.7	1.07	+ 1.04	0.74	15	2	+ 1.9	3.7	+ 0.4	17	0	0	0	0	0	2	9	3	5	6	15	2	0	0	0	1	2	
2.3	+ 0.5	2.7	1.18	+ 0.94	1.07	14	2	+ 1.6	7.2	+ 1.4	17	5	0	0	0	0	1	8	0	4	8	5	11	0	3	0	0	0	0
2.9	+ 1.1	3.1	1.04	+ 0.51	0.66	14	2	+ 1.3	7.6	+ 1.5	20	0	0	0	0	0	0	11	0	4	7	10	6	2	0	0	2	0	0
1.8	- 0.5	2.2	0.58	+ 0.35	0.40	15	2	+ 1.6	1.7	+ 0.8	6	2	1	0	0	0	0	6	16	5	3	1	3	2	0	0	1	16	
2.3	+ 0.3	2.8	0	- 0.14	0	0	- 0.4	4.0	+ 1.0	2	1	0	0	1	1	5	14	7	7	1	1	2	1	0	1	3	15		
2.7	+ 1.0	3.6	0	- 0.17	0	0	- 0.3	2.3	+ 0.4	18	5	0	0	0	0	0	0	2	6	6	11	1	1	0	1	1	1	9	
1.1	- 0.9	1.3	0	- 0.23	0	0	- 0.4	2.0	+ 0.5	0	0	0	0	0	1	12	3	15	4	5	3	1	0	0	0	0	5	13	
0.9	- 1.0	1.8	0	- 0.18	0	0	- 0.4	0.9	- 0.2	0	1	0	0	1	9	1	0	19	2	4	1	0	0	1	0	1	22		
0.7	- 1.0	1.0	0.01	- 0.26	0.01	28	0	- 0.6	2.5	- 0.4	6	0	0	0	1	1	0	8	15	8	1	0	1	0	0	0	7	14	
1.5	- 0.1	1.5	0.21	- 0.06	0.16	27	1	+ 0.5	4.3	- 0.2	3	2	0	2	0	3	1	13	7	9	1	0	0	1	0	0	0	19	
1.4	+ 0.2	1.3	0.13	- 0.12	0.13	27	1	+ 0.5	2.1	+ 0.6	0	0	4	6	1	0	0	3	17	10	1	0	0	0	0	8	9	3	
			0.08		0.03	28	0		5.0		3	1	0	0	0	7	7	8	5										
1.1	0	0.5	0.02	- 0.10	0.02	27	0	- 0.3	1.7	+ 0.6	1	1	0	1	0	7	8	0	13	1	0	0	0	0	2	5	0	23	
0.7	- 0.4	0.8	0.09	- 0.03	0.09	27	0	- 0.3	1.0	- 0.1	1	2	0	0	0	1	18	4	5	1	0	0	0	0	2	22	1	5	
1.3	- 0.2</td																												

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. I. S. T. (2-30 HRS. G. M.)

STATION.	Height of bar. & mean sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.				Relative humidity %	
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
1																							
U. P., East																							
Gonda	360	1,004.9		1,002.3	74.3	- 1.5	81	1	43.9	- 3.8	38	25	48.5	66.1	47.1	57.0	10.4	- 1.5	11.9	90	+ 5		
Gorakhpur	254	1,008.0	- 0.7	1,005.1	72.8	- 2.4	82	4	48.4	- 1.4	43	25	51.8	69.3	49.5	58.6	11.0	- 1.5	11.5	84	+ 3		
Benares	250	1,008.8	- 0.4	1,006.1	74.0	- 1.7	83	1	45.6	- 2.6	39	25	50.2	69.0	48.7	57.9	11.0	- 0.9	11.2	89	+ 9		
Allahabad (Bamrauli)	322	1,006.7	- 0.1	1,004.1	75.2	- 0.9	85	1	44.5	- 3.0	36	25	53.7	70.1	48.7	56.4	9.9	- 1.0	9.7	80	0		
Fatehpur	375	1,004.9		1001.7	75.2	+ 0.7	84	1	43.7	- 2.8	36	25	47.6	69.6	44.7	56.5	8.8	- 1.9	9.8	78	- 2		
Cawnpore	413	1,003.2	- 0.1	1000.4	74.7	+ 0.7	82	1, 2	44.9	- 2.4	38	25	48.3	68.7	46.4	58.8	9.9	- 1.0	12.5	87	+ 7		
Lucknow	371	1,004.0	- 0.7	1001.8	75.2	- 0.7	82	1, 2	46.5	- 1.7	40	31	50.7	69.8	48.6	58.9	10.3	- 0.7	12.6	85	+ 2		
Bahraich	407	1,002.8	- 0.1	1000.4	74.2	- 0.8	79	1, 2	41.9	- 1.5	37	25	46.9	65.9	44.8	54.1	9.2	- 0.3	9.1	83	- 2		
U. P., West																							
Jhansi	824	988.7	- 0.6	986.0	76.5	- 1.6	85	1	44.7	- 5.8	37	25	50.1	72.5	45.0	55.8	8.0	- 2.0	7.8	65	+ 2		
Agra	553	998.7	+ 0.2	996.2	74.2	- 1.2	84	1, 2	43.0	- 3.3	34	25	46.0	70.6	42.9	54.9	7.7	- 1.0	7.7	72	+ 7		
Mainpuri	516	999.0	- 0.5	996.0	74.5	- 0.9	84	1	42.9	- 3.4	35	25	45.9	68.4	43.6	55.9	8.8	- 0.9	9.6	82	+ 8		
Aligarh	615	995.7		993.3	73.8	- 0.2	85	1	42.9	- 4.2	36	25	46.2	69.4	42.4	54.8	7.6	- 1.5	8.1	71	+ 6		
Bareilly	568	996.8	- 0.7	994.4	73.5	+ 0.4	70	1, 2	44.8	- 1.8	37	25	47.3	67.2	45.8	56.2	9.8	- 0.9	10.5	89	+ 5		
Roorkee	899	984.8	- 1.0	982.9	71.1	- 0.1	79	13	41.9	- 1.5	37	23, 25	46.9	65.9	44.8	54.1	9.2	- 0.3	9.1	83	- 2		
Dehra Dun	2,239	999.2	- 0.1	987.6	68.0	- 1.1	75	2	41.7	- 3.4	37	24	44.8	61.7	42.7	52.7	8.4	- 0.2	9.9	54	+ 6		
Punjab, E. and N.																							
New Delhi	714	992.2	- 0.2	990.1	72.5	- 1.2	80	1	41.8	- 3.2	34	25, 26	43.7	68.6	39.8	53.2	6.6	- 1.7	7.0	68	+ 1		
Hissar	725	992.3	+ 0.1	990.1	74.9	+ 0.7	83	1	38.5	- 4.7	30	24, 25	40.5	69.3	38.5	55.9	6.9	- 1.2	9.2	79	+ 7		
Ambala	892	985.8	- 0.1	983.9	72.5	+ 0.2	77	1, 2	41.0	- 2.8	32	25, 26	44.2	67.2	42.0	54.2	8.2	- 0.6	8.5	81	+ 4		
Ludhiana	812	988.9	- 0.1	987.0	71.9	+ 1.1	79	1	41.2	- 3.0	33	24	42.5	67.0	41.1	54.4	8.1	- 0.5	8.8	88	+ 10		
Lahore	702	993.0	0	991.3	70.7	- 1.6	80	2	38.9	- 1.7	31	24	41.0	67.9	40.0	54.2	7.9	- 0.7	8.3	91	+ 5		
Sialkot	830	988.1	- 0.5	986.3	68.5	- 0.9	80	2	41.9	- 0.3	35	24, 25	45.1	63.6	42.8	54.3	8.3	- 0.7	10.3	82	- 4		
Rawalpindi	1,674	958.6	- 0.8	957.3	66.5	- 0.3	75	2	35.1	- 2.7	28	31	37.8	60.3	36.3	48.7	6.6	- 0.1	7.1	88	+ 11		
Punjab, Southwest																							
Khushab	612	995.7	- 1.2	993.7	73.5	+ 1.8	83	1	38.7	- 2.9	30	23	42.0	70.4	38.0	53.6	6.0	- 0.3	6.6	63	+ 1		
Lyallpur	605	995.7	- 0.8	994.3	71.9	+ 1.2	80	1	41.4	- 0.8	33	30	43.4	67.4	40.8	54.6	7.6	- 0.6	8.8	78	0		
Montgomery	558	997.6	- 0.8	995.3	72.9	+ 0.9	82	1, 3	41.2	- 1.9	33	25	43.9	68.9	41.2	55.0	7.6	- 0.9	8.5	77	- 1		
Leiah	490	1,001.0	0	998.6	72.3	0	82	1, 7	38.3	28	17, 23	41.2	69.9	39.1	54.1	7.2	7.3	81					
Multan	413	1,008.3	- 0.5	1,001.8	73.6	+ 1.9	83	1	41.6	- 1.8	32	23, 24	43.6	70.9	41.3	56.9	7.7	- 2.2	9.6	81	+ 7		
Fort Abbas	475	1,001.2		999.1	74.5		81	7	39.7	30	24	43.5	70.5	39.9	55.7	6.7		8.5	70				
Bahawalpur	384	1,004.6	0	1,002.1	74.4	+ 0.4	82	2	40.8	- 2.8	31	24	42.2	70.2	39.7	55.9	7.2	- 1.2	8.8	77	+ A		
Khanpur	297	1,004.0	- 0.6	1,005.1	74.9	- 1.3	83	2	40.8	- 3.2	30	24	43.1	69.6	39.6	57.1	6.7	- 1.1	10.3	70	+ 2		
Kashmir																							
Srinagar	5,205	846.3	- 0.3	844.2	48.9	+ 0.7	59	1	24.6	- 3.0	19, 27, 29, 30	27.1	44.1	25.9	37.6	4.2	- 1.2	5.3	86	- 7			
Gulmarg	8,709	(Closed during winter months.)																					
Dras	10,059	706.8	+ 1.6	705.6	20.9	- 4.5	31	1, 6, 9	2.5	- 2.9	21	24, 25	2.8	18.2	0.6	15.9	0.8	- 1.2	2.2	70	- 18		
Leh	11,529	667.5	+ 0.9	665.2	31.9	- 3.4	40	1	9.5	- 3.2	2	29, 30	12.4	27.8	10.6	21.1	1.7	- 0.1	1.9	71	+ 10		
Skardu	7,505	775.3		773.5	40.6	0	50	1	22.2	+ 0.4	12	29, 31	24.1	37.5	20.2	28.7	2.2	- 1.9	2.4	55	- 27		
Gilgit	4,890	858.8		855.6	48.9	- 1.0	57	6	31.1	- 2.7	23, 29, 30, 31	33.3	41.0										
Misgar	10,190				31.6		83	6	12.0	4	29	10.5	24.5	7.9	20.8	1.1		2.6	69				
N.-W. F. Province																							
Peshawar	1,175	977.2	- 0.5	975.6	68.1	+ 1.4	73	1	39.5	- 1.4	33	26, 30, 31	42.3	64.6	38.1	52.7	6.0	- 0.1	8.2	64	- 3		
Bannu	1,264	973.5		971.2	68.8	- 1.3	76	1	41.5	- 0.5	31	23	45.4	65.1	39.0	50.5	5.5	- 0.8	6.6	51	- 11		
Miranshah	3,026				63.5	- 0.5	71	16	35.9	- 3.2	25	26, 27	39.7	59.9	35.1	49.6	5.1	+ 0.8	8.1	61	+ 5		
Dera Ismail Khan	570	997.6	- 0.7	995.8	73.1	+ 1.6	84	2, 6	39.2	- 2.0	30	29, 30	42.8	67.5	38.8	54.0	6.2	- 0.9	8.7	71	- 3		
Baluchistan																							
Fort Sandeman	4,614	862.9	+ 0.5	860.8	59.7	- 0.2	69	17	31.6	- 1.8	23	24, 25	38.9	58.1	29.8	43.7	4.1	- 0.7	3.8	63	- 12		
Loralai	4,699	858.9		857.3	59.3	69	1	29.6	23	4 days	32.5	55.8	27.5	41.0	3.1	2.7	50						
Sibi	441	1,002.2	+ 0.3	999.5	74.5	- 0.4	84	1	42.0	- 3.5	31	24	44.8	72.8	39.4	54.4	5.7	- 0.5	6.1	56	+ 4		
Quetta	5,490	833.5	- 2.6	831.3	58.																		

Cloud amount (tenths of sky).		Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from														STATION.						
Mean C hrs. I.S.T.	Departure from normal.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	8 hrs. I. S. T.							17 hrs. I. S. T.													
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52		
0.8	- 1.1	+ 2	0	- 0.32	0	0	- 1.1	2.0	- 0.1	0	2	1	0	0	1	14	0	13	1	0	2	0	0	0	11	8	9	U. P., East		
0.9	- 0.2	1.3	0.31	+ 0.12	0.31	27	1	+ 0.6	1.5	+ 0.7	0	1	1	0	1	8	6	0	14	0	0	0	1	1	3	15	3	8	Gonda	
1.4	0	1.0	0.62	+ 0.35	0.60	27	.1	+ 0.5	3.8	+ 2.0	0	0	0	0	4	15	5	2	5	1	0	2	0	0	0	14	14	0	Gorakhpur	
0.7	- 1.2	1.1	1.04	+ 0.70	0.97	27	1	+ 0.3	1.7	- 0.4	0	1	1	0	0	4	4	1	20	1	1	1	0	0	0	8	6	14	Benares	
0.5	- 1.3	1.3	0.13	- 0.21	0.13	26	1	- 0.1	1.7	+ 0.1	0	0	3	2	0	1	5	2	18	0	0	1	1	0	1	5	4	19	Allahabad (Bamrauli)	
0.5	- 0.4	1.0	0	- 0.28	0	0	- 0.8	4.0	+ 1.9	0	1	2	1	2	10	6	3	6	8	1	3	1	0	1	7	9	1	Fatehpur		
0.3	- 1.0	0.6	0.12	- 0.30	0.02	27	0	- 0.7	1.1	+ 0.1	0	0	0	0	0	0	2	0	29	0	0	1	0	1	0	3	0	26	Cawnpore	
0.4	- 0.8	0.9	0.40	+ 0.06	0.40	27	1	- 0.1	2.1	+ 0.9	3	1	1	0	2	3	6	14	0	0	1	1	0	1	1	2	25	Lucknow		
0.5	- 0.9	0.8	0	- 0.29	0	0	- 0.8	2.2	+ 0.5	0	0	1	0	0	0	3	21	5	1	0	0	4	0	0	0	10	17	0	Balhach	
0.6	- 1.2	1.1	0	- 0.30	0	0	- 0.8	1.3	- 1.0	0	1	0	0	0	3	3	0	24	2	0	1	0	0	0	1	10	17	Agra		
0.7	- 1.1	1.1	0	- 0.37	0	0	- 0.8	1.5	+ 0.4	0	1	1	1	0	1	7	6	14	0	0	0	1	0	0	0	8	8	14	Mainpuri	
0.4	- 1.3	1.3	0	- 0.43	0	0	- 1.2	2.9	- 0.1	0	0	2	0	0	0	19	0	10	4	0	0	1	0	1	4	11	10	Aligarh		
0.7	- 1.1	1.5	0	- 0.41	0	0	- 1.0	1.8	+ 0.6	2	0	1	1	1	2	7	3	14	3	0	0	1	1	3	8	6	9	Bareilly		
1.2	- 1.0	2.7	0	- 0.68	0	0	- 1.3	1.6	+ 0.3	1	0	0	4	0	0	0	9	17	0	0	0	4	1	1	1	16	8	Roorkee		
1.9	- 1.2	3.2	0.52	- 0.50	0.52	9	1	- 0.7	1.7	+ 0.2	5	5	0	0	0	1	0	2	18	1	0	0	0	1	7	1	2	19	Dehra Dun	
0.9	- 1.3	1.5	0	- 0.43	0	0	- 0.9	5.9		0	0	1	0	0	5	17	2	6	6	0	1	1	0	1	3	19	0	New Delhi		
1.0	- 1.1	1.1	0	- 0.39	0	0	- 1.0	3.2	+ 0.2	1	1	1	1	4	12	6	1	4	4	2	1	1	0	1	5	9	7	Hissar		
1.4	- 1.3	1.9	0	- 0.76	0	0	- 1.5	2.5	+ 0.4	0	1	0	3	0	0	0	18	9	0	0	0	3	0	0	0	24	4	Ambala		
1.9	- 0.7	2.6	0	- 0.72	0	0	- 1.4	0.4	- 1.0	0	1	0	1	0	0	0	1	28	1	2	0	0	0	3	0	9	16	Ludhiana		
3.0	0	3.3	0.03	- 0.44	0.03	22	0	- 1.0	1.6	+ 0.7	3	0	1	0	0	0	2	2	23	4	2	0	0	1	0	4	10	10	Lahore	
2.0	- 0.6	3.9	0.06	- 0.66	0.06	22	0	- 1.3	1.3	+ 0.5	0	7	0	1	0	0	0	4	19	0	0	0	0	0	0	0	1	30	Sialkot	
6.4	+ 3.1	4.3	0.33	- 0.91	0.28	22	1	- 1.3	2.0	+ 0.6	5	1	1	0	0	2	2	1	19	0	0	1	0	1	10	11	3	5	Rawalpindi	
2.0	- 1.1	2.2	0	- 0.43	0	0	- 0.9	2.7	+ 0.5	3	4	1	0	1	3	2	3	14	1	4	1	5	3	3	5	6	Khushab			
2.9	- 1.1	3.2	0	- 0.25	0	0	- 0.6	1.7	+ 0.3	2	0	1	0	2	6	4	1	15	1	0	1	1	0	8	5	4	11	Lyallpur		
1.6	- 0.7	2.0	0	- 0.26	0	0	- 0.8	1.3	- 0.5	0	0	3	3	0	0	2	0	23	0	0	0	1	0	1	0	1	28	Montgomery		
2.0	- 1.3	0.27	0.27	- 0.27	0.27	8	1		2.3		3	4	0	1	2	6	5	10	0	4	2	3	1	4	7	7	3	0	Leiah	
3.2	+ 0.9	1.7	0	- 0.24	0	0	- 0.7	2.0	+ 1.0	5	0	0	1	5	2	1	3	14	2	3	0	3	4	6	3	2	8	Multan		
2.3	2.5	0				0			2.8		2	3	6	2	3	0	0	2	15	7	0	0	0	1	5	3	5	5	Fort Abbas	
1.6	- 0.8	1.4	0	- 0.22	0	0	- 0.6	1.7	- 0.1	1	3	3	6	3	1	0	0	14	3	2	0	1	4	3	4	0	14	Bahawalpur		
1.9	- 0.1	1.4	0.06	- 0.07	0.06	8	0	- 0.5	2.1	- 1.6	2	9	2	0	0	3	0	0	15	2	11	0	1	1	9	0	2	5	Khanpur	
5.1	- 1.0	5.0	0.31	- 1.01	0.29	22	1	- 2.4	1.9	- 0.1	2	2	1	14	4	0	1	2	5	6	2	1	4	0	1	1	10	6	Srinagar	
3.6	- 1.6	4.6	0.83	- 1.28	0.29	22	3	- 3.1	0	- 0.7	0	0	0	0	0	0	0	0	31	0	0	0	0	0	0	0	1	30	Gulmarg (R)	
5.1	- 0.7	5.6	0.21	+ 0.02	0.12	27	1	+ 0.4	2.4	+ 1.0	0	9	0	1	1	0	0	2	18	0	2	0	1	9	11	1	0	7	Leh	
4.4	- 1.7	4.5	0.01	- 0.37	0.01	8	0	- 1.4	2.3	+ 1.1	0	0	0	0	0	1	3	0	27	0	1	0	0	1	2	0	1	26	Skardu	
4.3	- 1.7	5.1	0	- 0.11	0	0	- 0.3	0.3	- 0.2	0	0	0	0	0	0	2	3	0	26	0	0	0	0	2	0	0	0	29	Gilgit	
2.1	3.9	0.03				18	0		3.5		0	0	1	0	0	2	5	9	14	1	1	3	10	2	3	3	3	5	Misgar	
3.8	- 1.2	5.2	0.02	- 0.65	0.02	22	0	- 1.6	3.0	+ 1.8	0	0	0	3	7	13	1	0	7	0	4	3	3	6	2	0	0	13	Peshawar	
2.5	- 0.2	3.9	0.02	- 0.38	0.02	21	0	- 1.5	2.6		1	0	0	1	1	3	19	4	2	0	1	2	17	5	2	1	0	3	Bannu	
1.4	- 2.4	2.6	0	- 0.70	0	0	- 1.8	4.0	+ 1.0	0	0	0	0	0	0	1	1	29	0	0	12	1	0	0	1	1	16	Miranshah		
2.8	- 0.1	3.0	0.01	- 0.23	0.01	8	0	- 0.7	1.3	+ 0.6	0	4	0	1	0	2	5	3	16	1	5	4	5	1	0	0	1	14	Dera Ismail Khan	
4.0	+ 0.8	2.7	0.17	- 0.40	0.11	5	1	+ 0.8	2.6	+ 1.2	0	1	3	0	0	0	1	0	26	0	1	1	1	1	4	3	19	Baluchistan		
3.0	2.7	0.03	- 0.47	0.03	5	0	- 1.5	4.7		0	0	0	0	0	1	26	2	2	1	0	6	8	12	0	1	2	1	1	Loralai	
3.3	+ 0.4	2.7	0	- 0.30	0	0	- 0.7	1.9	+ 0.2	2	2	0	0	0	0	0	3	24	1	0	3	6	7	6	4	1	3	Sibi		
3.2	- 0.2	3.6	1.12	- 0.66	0.66	21	3		4.5	+ 2.5	1	4	0	6	8	2	1	1	8	15	2	0	0	1	5	1	6	1	1	Quetta
3.3	- 0.3	4.0	1.15	- 0.20	0.55	19	4	+ 0.8	4.0																					

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. I. S. T. (2-30 HRS. G. M.)

STATION.	Height of barometer above mean sea level in feet.		Pressure reduced to 32° F and standard gravity, millibars.			Maximum temperature, °F.			Minimum temperature, °F.			Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.		Relative humidity, %				
	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Sind Jacobabad	183	1011.7		1009.5	75.8		84	1, 2	44.0	36	23, 24	46.4	73.5	41.5	56.8	6.7		8.0	63			
Sukkur	221	1010.3	+ 0.2	1007.9	76.4	+ 0.2	84	2, 3	46.6	- 2.1	38	24	49.7	72.5	45.6	56.6	8.7	- 0.2	8.5	75	+ 8	
Pad Idan	150	1012.7		1010.4	77.2		85	2	39.6	31	28, 29	42.0	74.7	39.6	56.1	7.1		7.1	79			
Umarkot	55	1014.8		1012.4	80.3		87	2, 21	44.6	36	26, 27	47.3	77.8	43.4	65.0	7.8		15.1	69			
Hyderabad	96	1014.3	- 0.3	1012.4	78.2	- 0.4	88	2	49.0	- 3.6	37	28	51.9	76.8	45.7	57.2	7.9	- 1.1	7.5	58	- 2	
Karachi (Manora)	13	1016.9	- 0.3	1014.6	79.2	+ 0.5	84	1, 6, 9	58.8	- 1.3	60	28, 24	60.5	76.2	54.6	62.6	11.9	+ 0.1	13.3	65	+ 1	
Badin	31	1016.5	+ 0.5	1014.0	80.7	+ 0.2	89	3	44.8	- 7.0	37	23, 24, 29	46.9	78.7	42.9	57.9	7.7	- 2.2	6.9	69	+ 6	
Rajputana, West																						
Sri Ganganagar	580	997.7		995.7	71.3	- 2.3	81	1	38.6	- 1.4	29	24	44.2	68.5	40.9	55.9	7.3	- 0.1	9.7	75	+ 7	
Bikaner	734	991.2	- 0.6	989.2	75.8		83	1	36.5	28	24	39.0	72.0	34.6	54.6	4.9		6.5	62			
I'halodi	783	989.4		987.7	75.7		82	3, 5, 21	43.5	33	23, 24	46.1	73.7	40.3	56.7	5.9		8.1	55			
Jodhpur	786	991.4	+ 1.3	988.7	77.5	- 1.5	85	5	46.9	- 3.6	83	23	50.2	75.1	41.2	53.6	4.8	- 2.5	4.5	38	- 15	
Barmer	638	994.5	+ 0.3	991.9	78.2	- 1.9	85	1	48.5	- 5.0	39	25	51.8	75.5	43.8	56.8	6.2	- 2.1	7.4	45	- 11	
Rajputana, East																						
Jaipur	1,431	967.6	- 0.5	965.5	74.1	- 2.3	82	1	43.3	- 4.3	23	24	46.7	70.3	41.5	53.2	6.6	- 1.6	6.2	63	+ 5	
Ajmer	1,593	962.0	- 0.4	959.2	73.3	- 2.1	80	1	40.2	- 6.4	81	24	47.5	70.0	42.0	54.2	6.9	- 1.5	8.0	62	+ 2	
Kotah	843	968.0	- 0.2	965.0	77.5	- 1.6	85	1	47.7	- 4.4	40	25	49.7	73.7	45.4	56.2	8.5	- 0.8	7.6	69	+ 9	
Brijnagar	1,053	980.3	- 0.2	977.3	76.7	- 1.5	85	1	45.1	- 3.6	36	24	47.5	73.9	43.6	55.4	7.9	- 1.7	6.7	72	+ 6	
Rajsamand																						
Gujarat																						
Deesa (R)	466																			5.5	59	+ 7
Bhuj	343	1005.2	+ 0.5	1002.3	80.0	- 1.8	87	2	49.0	- 5.4	40	24, 25	50.9	78.0	45.1	56.2	7.5	- 3.2	5.5	59	+ 7	
Dwarka	37	1015.4	+ 0.2	1012.8	79.5	- 1.7	85	6, 7	59.4	- 2.5	52	29	61.8	76.8	55.5	59.4	12.2	- 2.8	8.4	65	- 2	
Jamnagar	60	1016.0	+ 1.6		78.7	- 2.5	85	5	52.6	- 2.1	45	28	60.3		53.0		10.4	- 0.8	58	- 4		
Rajkot	432	1001.2	+ 0.4	998.2	81.7	- 3.4	87	1, 19	47.6	- 5.9	39	27, 28	50.6	80.1	43.8	57.3	6.6	- 2.3	5.9	53	+ 1	
Veraval	26	1014.2	- 0.4	1011.5	84.7		91	6	54.6		47	27	58.2	78.8	49.3	66.3	7.9		16.2	49	- 3	
Surat	39	1013.9	- 0.2	1011.5	88.7	+ 0.8	95	21	56.8	- 2.6	50	27	64.6	83.8	57.9	69.2	13.2	+ 0.1	17.9	65	+ 4	
Bhavnagar	55	1014.3	+ 0.1	1011.1	82.4	- 2.7	88	6	49.6	- 6.1	43	23	52.2	80.4	45.2	60.3	7.2	- 2.4	8.9	54	+ 3	
Ahmedabad	163	1011.1	+ 0.3	1007.8	82.4	- 4.0	88	4, 5	56.5	- 3.1	51	24, 25, 26	58.1	79.4	49.1	59.6	7.9	- 1.7	8.5	47	- 4	
Dohad	1,093	981.2			975.5	80.9	- 3.4	87	1	49.8	- 3.3	44	16, 27	52.6	78.6	46.3	59.0	7.8	- 2.8	8.1	58	- 10
Baroda	115	1012.1		1009.0	84.9	- 2.3	92	21	47.6	- 3.7	41	17, 26, 27	50.9	80.7	48.1	63.9	10.1	- 1.4	12.6	60	+ 13	
Central India, West																						
Nemuch	1,626	960.7	- 0.3	958.3	75.9	- 2.5	83	5	44.8	- 4.6	38	25	49.2	73.8	42.3	54.4	6.5	- 2.1	7.1	54	- 2	
Indore	1,823	953.0	- 0.8	950.5	77.5	- 2.2	84	1	44.7	- 4.9	38	14, 17	48.3	75.4	44.1	56.1	8.1	- 2.3	7.6	71	+ 8	
Bhopal	1,643	959.8	- 0.4	957.1	77.6	- 1.4	85	1	46.7	- 2.8	39	17	51.4	74.3	45.6	56.4	7.9	- 1.8	7.5	63	+ 2	
Guna	1,571	962.4	- 0.3	960.2	77.5	- 0.4	85	1	42.0	- 3.5	33	25	45.0	73.6	40.8	54.5	7.0	- 2.1	6.8	69	0	
Gwalior	681	993.7		991.2	74.9		85	1	40.3		32	25	48.0	69.4	43.3	53.9	7.4		7.3	65		
Madhosagar	757	991.0			988.3	76.0		87	1	50.8		43	26	53.2	71.2	47.1	53.6	8.3		6.2	60	
Central India, East																						
Nowrang	750	991.4	- 0.2	988.3	75.0	+ 0.5	85	1	41.0	- 5.4	38	25	44.3	72.0	42.4	57.1	8.4	- 1.9	9.3	85	+ 6	
Sutna	1,041	981.1	- 0.1	978.6	75.8	+ 0.1	84	1	41.5	- 6.0	35	24	47.7	69.1	44.4	55.6	8.7	- 1.3	9.1	76	+ 7	
Umaria	1,506	964.4		961.5	75.8	- 1.1	83	1	42.4	- 3.4	34	25	50.7	70.5	45.9	55.8	8.7	- 1.5	9.3	68	- 2	
Berar																						
Akola	925	984.2	- 0.3	980.6	83.6	- 1.1	88	4 days	50.9	- 2.4	41	18	53.5	81.7	47.6	60.9	8.6	- 2.2	8.9	61	+ 1	
Amravati	1,213	974.1	- 0.4	970.6	81.4	- 1.8	87	26	56.3	- 2.1	49	19	61.3	79.8	51.5	60.8	8.6	- 2.3	9.7	46	- 8	
C. P., West																						
Khandwa	1,044	980.0	- 0.3	975.7	82.6	- 1.5	89	1	50.1	- 1.4	38	18	54.7	79.8	46.8	59.3	7.4	- 3.1	8.1	51	- 12	
Hoshangabad	992	981.6	- 1.4	978.3	77.8	- 2.2	84	1	51.8	- 2.1	44	17, 18	55.4	75.7	48.8	59.4	8.8	- 1.9	10.0	59	- 4	
Saugor	1,808	953.7	- 0.9	951.4	74.4	- 2.5	82	1, 2	50.9	- 2.1	43	24	57.6	70.5	47.6	53.2	7.2	- 1.5	6.9	45	- 9	
Jubbulpore	1,289	972.0	- 0.3	968.8	78.9	+ 1.8	85	2, 3	44.4	- 2.1	37	17, 31	50.5	74.0	47.1	55.5	9.5	- 1.4	9.8	76	0	
Seoni	2,027	946.4	- 0.6	943.7	76.6	- 1.1	83	21	48.6	- 2.0	41	13, 18	52.6	72.9	46.9	56.3	8.3	- 2.3	8.8	63	0	
Nagpur	1,022	980.6	- 0.9	977.1	82.0	+ 0.3	87	21, 23	54.1	- 3.1	49	13, 17	58.5	78.3	51.4	61.2	9.7	- 1.8	10.8	59	- 2	
C. P., East																						
Pendra	2,040	946.1	- 0.7	943.4	73.4	- 0.3	79	5 days	47.5	- 2.1	40	17	56.3	67.1	49.5	54.4	9.3	- 1.5	9.4	61	- 6	
Champa	878	988.9		982.4																		

AND 17 HRS. I. S. T. (11-30 HRS. G. M. T.)—DECEMBER 1945

Cloud amount (tenths of sky).		Rainfall, inches.					Number of rainy days (0-10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from														STATION.					
Mean 8 hrs. I. S. T.	Departure from normal.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	hrs. I. S. T.							17 hrs. I. S. T.													
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	
1.7	1.5	0	0	0		0	0	3.2		3	2	3	0	1	0	5	5	12	5	0	0	4	4	3	3	11	1	Sind		
1.2	-0.4	0.7	0	-0.03	0	0	0	-0.2	2.0	-0.5	1	2	4	9	1	0	0	1	13	7	8	0	3	4	4	1	3	7	Jacobabad	
1.4	1.0	0	0	0		0	0	3.2		6	1	0	1	0	0	1	1	21	7	2	0	1	3	0	0	2	16	Sukkur		
1.2	1.4	0	0	0		0	0	4.3		5	13	1	2	1	1	0	1	7	11	6	0	0	0	2	2	10	0	Pad Idan		
1.3	-0.4	1.3	0	-0.10	0	0	0	-0.3	3.2	-0.8	14	2	0	1	2	1	0	7	4	11	9	1	1	0	3	0	1	5	Umarkot	
0.9	-1.3	0.9	0.08	-0.12	0.08	21	0	-0.5	5.3	-0.6	4	21	5	0	0	0	0	1	0	0	4	2	2	6	10	5	2	0	Hyderabad	
0.5	-1.1	0.3	0	-0.15	0	0	0	-0.4	3.9		15	4	0	0	0	2	0	7	3	14	9	1	0	0	1	3	2	1	Karachi (Manora)	
0.8	-1.5	0.8	0	-0.12	0	0	0	-1.0	2.4	-1.2	2	2	4	4	6	2	2	2	7	6	4	0	0	0	1	4	6	10	Badin	
0.4	-1.8	0.5	0	-0.20	0	0	0	-0.5	0.9	-1.6	1	1	0	0	0	1	0	1	17	2	9	0	0	0	2	0	5	13	Rajputana, West	
1.3	1.4	0.01	-0.09	0.01	8	0	0	-0.1	3.8		1	0	0	7	7	1	0	2	13	7	5	0	6	1	4	1	6	1	Sri Ganganagar	
0.7	-1.4	0.8	0	-0.11	0	0	0	-0.3	2.2	-3.9	1	27	1	0	0	0	0	0	2	3	7	7	3	0	2	2	5	1	Bikaner	
0.5	-1.5	0.5	0	-0.10	0	0	0	-0.3	3.6	-0.5	1	3	0	0	0	0	1	20	6	3	13	1	1	2	2	4	3	Rajputana, East		
0.7	-1.2	1.1	0	-0.30	0	0	0	-0.7	3.0	-0.1	3	7	12	1	0	0	0	0	8	8	1	5	0	1	3	2	8	3	Jaipur	
0.2	-1.5	0.6	0	-0.26	0	0	0	-0.4	0.8	-0.4	0	0	0	0	0	0	0	0	31	1	4	0	1	1	1	2	5	16	Ajmer	
0.1	-1.7	0.6	0	-0.21	0	0	0	-0.5	1.1	+0.1	1	1	1	0	0	3	6	1	18	2	3	1	0	0	0	1	10	14	Kotah	
0.3	-1.6	0.7	0	-0.19	0	0	0	-0.3	1.7	+0.2	1	0	0	0	0	0	0	2	28	8	9	0	0	0	0	0	3	10	Brijnagar	
0.3	0.7	0	0	0	0	0	0	4.7		13	0	0	0	0	1	3	14	0	4	1	9	6	1	0	0	0	4	6	Rajsamand	
0.3	-1.1	0.5	0	-0.07	0	0	0	-0.1	3.0	-0.6	0	1	0	0	0	4	0	0	0	26	10	10	1	0	1	0	0	6	3	Gujarat
0.7	-1.2	0.8	0	-0.09	0	0	0	-0.2	6.3	-1.2	5	16	5	0	0	0	0	1	4	5	9	2	0	0	2	2	11	0	Bhuj	
0.7	-0.6	0	-0.08	0	0	0	0	-0.1	6.3	+0.7	2	5	4	2	0	0	0	0	18	7	14	3	0	1	0	0	5	1	Dwarka	
0.6	-1.1	0.6	0	-0.06	0	0	0	-0.2	4.5	+0.9	3	5	6	5	1	1	0	1	9	7	1	4	0	1	6	4	9	6	0	Jamnagar
0.7	-0.8	0.6	0	-0.07	0	0	0	-0.2	9.3		10	21	0	0	0	0	0	0	0	1	4	0	1	6	4	9	6	0	Rajkot	
0.5	-1.1	0.5	0	-0.08	0	0	0	-0.1	3.2	+0.5	0	10	4	0	0	0	0	0	17	5	7	0	0	0	0	4	8	7	Surat	
0.7	-1.1	0.5	0	-0.06	0	0	0	-0.1	3.3	+0.2	0	0	0	0	0	0.1	19	4	7	6	12	6	2	0	0	0	2	3	3	Bhavnagar
0.2	-1.1	0.5	0	-0.04	0	0	0	-0.1	4.5	+0.9	4	15	10	0	0	0	0	0	2	4	8	6	1	0	0	0	2	7	3	Ahmedabad
0.8	-1.1	1.0	0	-0.08	0	0	0	-0.3	5.1	+2.6	3	9	9	6	4	0	0	0	0	1	13	3	1	2	3	6	2	0	Dohad	
0.3	-1.0	0.4	0	-0.02	0	0	0	-0.1	2.1	0	2	14	2	1	0	0	0	0	12	6	7	3	0	0	0	3	3	9	Baroda	
0.3	-1.4	0.9	0	-0.18	0	0	0	-0.5	3.5	0	0	20	2	1	0	0	0	0	8	0	20	0	0	0	0	0	0	11	Central India, West	
0.6	-1.1	1.1	0	-0.27	0	0	0	-0.6	2.0	+0.5	0	5	3	4	0	0	1	0	18	2	12	1	4	0	2	3	3	4	Indore	
0.9	-1.2	1.2	0	-0.20	0	0	0	-0.5	1.6	0	0	0	0	0	0	1	2	1	27	5	7	2	0	1	2	3	3	8	Bhopal	
1.2	-0.5	0.9	0	-0.42	0	0	0	-1.2	2.1	+0.5	0	1	5	7	0	0	0	0	13	12	1	2	0	0	0	8	3	5	Guna	
0.8	1.2	0	0	0	0	0	0	1.5		0	0	0	1	3	1	0	0	0	26	7	2	2	1	0	0	0	4	15	Gwalior	
0.8	1.2	0	0	0	0	0	0	3.2		1	2	0	1	3	23	1	0	0	12	8	1	1	0	0	0	0	8	1	Madhosagar	
0.8	-1.1	0.8	0.11	-0.29	0.08	26	0	-0.7	1.5	+0.6	4	1	4	0	9	2	0	0	0	11	10	5	4	0	1	2	6	3	0	Central India, East
1.3	-0.4	1.4	0.12	-0.31	0.12	27	1	+0.1	1.6	-0.1	0	1	1	0	2	1	1	24	5	5	2	0	0	0	4	6	9	Nowgong		
0.7	-1.6	0.7	0.09	-0.26	0.00	27	0	-0.9	1.8	0	1	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	Sutna	
1.0	-1.0	1.0	0	-0.54	0	0	0	-0.9	3.2	+0.8	0	6	0	5	1	0	0	0	19	1	11	2	3	0	0	1	3	10	Umaria	
1.4	-0.6	1.9	0.46	+0.02	0.37	30	1	+0.2	5.2	+1.9	0	16	10	3	0	1	0	0	1	4	10	0	3	2	3	1	8	0	Berar	
1.2	-0.5	2.2	0	-0.32	0	0	0	-0.5	2.5	+0.3	1	7	3	1	0	1	2	1	15	7	10	1	2	1	1	3	2	4	Amracti	
0.7	-1.1	1.3	0	-0.47	0	0	0	-0.7	2.6	+0.7	0	16	7	5	2	0	0	0	1	3	11	6	6	3	1	0	0	1	1	Khandwa
1.9	+0.1	1.8	0	-0.51	0	0	0	-0.8	5.5	+5.9	3	7	7	8	3	1	1	1	0	4	7	3	3	1	4	4	5	0	Hoshangabad	
1.2	-0.4	1.8	0	-0.37	0	0	0	-0.7	2.3	+1.2	3	2	3	14	3	1	1	0	4	6	15	1	0	0	1	2	0	6	6	Saugor
1.4	-0.3	2.2	0	-0.52	0	0	0	-0.9	3.4	+1.4	4	11	0	1	1	0	1	0	13	4	15	0	7	2	0	1	1	1	1	Jubbulpore
1.7	-0.4	1.5	0	-0.47	0	0	0	-0.3	2.6	-0.7	23	2	1	0	0	0	5	0	8	7	7	0	3	3	1	1	1	1	1	Seoni
1.8	-0.2	1.8	0.11	-0.18	0.11	27	1	+0.5	3.3	+1.0	9	2	1	2	2	1	0	8	6	11	2	1	1	3	1	1	9	2	Nagpur	
2.0	1.9																													

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of bar. cistern sea level in feet.		Pressure reduced to 32°F and standard gravity millibars.			Maximum temperature, °F.			Minimum temperature, °F.			Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.			Relative humidity %						
	Mean 8 hrs. I. S. T.		Departure from normal.			Mean 17 hrs. I. S. T.		Mean.		Departure from normal.		Mean.		Departure from normal.		Mean 8 hrs. I. S. T.		Mean 17 hrs. I. S. T.		Mean 8 hrs. I. S. T.		Mean 17 hrs. I. S. T.			
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22				
1																									
Konkan																									
Dahanu	15	1014.0		1011.5	82.0		91	19	58.7		52	13,17	61.4	77.4	56.7	69.9	13.6		21.6	72					
Bombay	37	1013.1	- 0.2	1010.2	85.7	- 0.9	93	21	66.2	- 2.6	58	24	69.8	79.2	64.2	69.5	17.8	- 1.7	18.9	73	0				
Alibag	23	1013.4	- 0.3		83.2	- 2.0	91	12	62.8	- 2.4	57	17	66.8		60.0		14.4	- 2.5	65	- 2					
Harnai	66	1010.5		1008.4	84.0		91	6	71.5		68	23,27	73.9	80.3	62.6	71.7	14.3		22.7	50					
Ratnagiri	211	1006.5	- 0.2	1003.8	87.7	- 0.9	95	21	66.8	- 1.3	62	15	72.3	81.4	60.2	69.8	14.5	- 1.0	19.7	47	- 6				
Devgad		1009.6		1006.4	86.9		92	21	67.5		63	15	71.1	82.6	62.2	70.9	14.9		20.3	59					
Marmagao	202	1006.8	+ 0.1	1003.2	85.5	- 1.2	91	23	68.4	- 2.4	63	14,15	74.2	81.3	65.0	71.2	16.7	- 2.0	21.2	60	- 5				
Honavar	85	1010.4		1006.5	89.9		95	21	67.4		61	14	73.0	83.9	64.3	72.7	16.7		21.6	61					
Bombay Deccan																									
Jalgaon	660	992.6		989.3	83.8		89	11	48.9		38	17	54.8	82.3	48.9	63.5	9.4		10.9	62					
Malegaon	1,432	966.0	- 0.7	963.8	84.0	- 1.0	90	1	49.0	- 3.3	39	17	53.9	81.8	46.5	59.7	7.6	- 2.8	7.6	53	- 7				
Ahmednagar	2,154	941.6	- 0.6	938.4	83.0	- 0.1	89	25,26	50.4	- 2.5	44	15	55.8	80.0	48.6	60.8	8.6	- 2.4	9.9	54	- 4				
Poona	1,834	952.3	- 0.4	948.8	85.6	+ 0.7	90	5 days	49.1	- 3.9	41,14,15,17	53.1	82.0	49.7	60.8	10.6	- 1.7	9.1	78	+ 4					
Sholapur	1,570	961.2	- 0.4	957.4	85.3	- 0.2	91	24,25	55.0	- 3.5	44	14	60.5	83.9	50.8	60.7	8.7	- 3.3	8.6	48	- 8				
Miraj	1,817	952.3	- 0.8	948.4	85.7	+ 1.7	91	23	54.9	- 2.1	46	17	59.8	83.5	51.5	64.3	9.7	- 3.4	12.9	55	- 8				
Bijapur	1,950	948.1	- 0.5	944.5	83.8	- 0.4	91	26	56.1	- 2.5	46	14	62.6	82.6	53.2	62.7	10.5	- 3.4	11.6	51	- 13				
Belgaum	2,562	927.6	- 0.2	924.3	82.5	+ 0.5	87	5,22	55.1	- 3.3	49	14,15	60.9	80.1	53.3	60.8	10.6	- 2.7	9.3	60	- 5				
Gadag	2,131	941.4	- 0.8	937.9	85.7	+ 2.3	91	25,26,27	59.5	- 1.8	53	14	66.2	83.0	56.9	62.8	12.1	- 2.4	11.2	54	- 11				
Hyderabad, North																									
Aurangabad	1,905	950.5	- 0.7	947.2	82.9	- 0.6	88	26	54.2	- 1.6	44	13	58.9	80.5	50.7	63.1	9.1	- 1.8	11.7	55	- 1				
Parbhani	1,350	967.8		964.2	83.6		90	26	51.0		44	13,14,18	58.1	80.8	50.7	61.7	9.4		10.2	56					
Bidar	2,178	940.0		937.2	79.9	- 1.2	86	25	58.8	- 1.9	51	13	62.8	77.4	56.2	62.3	12.5	- 2.0	12.6	65	- 1				
Nizamabad	1,250	971.9	- 0.5	968.6	80.6	- 3.1	88	26	53.1	- 1.9	43	13,18	57.3	80.2	53.3	60.6	12.1	- 2.2	9.2	75	+ 5				
Peddapalli	755	989.0			82.3		86	23,26	58.7		50	22,24	71.9		61.5		14.0			52					
Hyderabad, South																									
Gulbarga	1,503	963.8	- 0.8	959.4	84.9	- 0.5	90	4 days	50.3	- 8.4	42	18	65.3	82.8	65.5	61.1	11.3	- 1.8	9.7	52	- 10				
Raichur	1,311	969.4	- 0.9	965.8	84.1	- 0.7	91	6,25	61.8	- 1.9	50	13	65.9	82.4	57.6	63.1	12.3	- 3.9	10.8	57	- 11				
Hyderabad(Begumpet)	1,778	954.1	- 0.6	950.9	82.7	- 0.8	88	24,25	58.0	- 3.4	45	12	58.9	77.8	54.8	62.1	12.8	- 1.9	12.3	76	+ 2				
Hanamkonda	881	984.8	- 1.1	981.5	80.2	- 8.0	84	25	57.7	- 2.6	50	12	61.9	79.0	57.4	62.4	14.1	- 2.5	12.0	74	+ 1				
Khammameth	367	1002.6		999.0	84.3		89	24	58.2		50	12	64.1	81.3	60.1	65.5	15.8		15.1	78					
Mysore																									
Chitaldrug	2,405	932.3	- 0.5	928.7	82.8	+ 0.4	89	25	59.0	- 2.8	47	5 days	65.5	81.2	59.1	61.7	14.2	- 2.2	10.3	68	- 3				
Hassan	3,149	908.4		904.8	81.7	+ 1.1	86	24,25,26	57.4	- 0.2	48	13	64.1	78.9	59.0	62.4	14.8	- 1.9	12.1	74	- 4				
Bangalore	3,021	912.1	- 0.6	909.1	80.6	+ 2.4	86	25	58.6	+ 0.4	53	13	63.8	77.4	59.1	61.7	15.1	- 1.5	12.1	75	- 6				
Mysore	2,518	928.5	- 0.5	924.9	81.3	- 0.6	86	25	61.2	+ 0.1	51	13	64.4	80.7	60.4	63.7	16.1	- 1.4	12.8	79	+ 2				
Malabar																									
Mangalore	72	1010.3	- 0.4	1006.9	88.1	- 1.0	91	5,18	70.5	- 0.7	63	14	73.6	83.4	68.1	72.7	20.7	- 0.3	22.4	74	+ 4				
Calicut	27	1011.6	- 0.3	1008.0	88.7	+ 1.0	91	6,7,12	71.6	+ 0.3	64	14	75.3	86.4	71.9	78.3	24.8	+ 1.3	29.1	83	+ 3				
Palghat	319	1002.0			997.9	89.6		92	4 days	70.5		62	13,14	74.8	86.9	68.1	71.3	20.3		19.7	70				
Cochin	10	1012.2	- 0.3	1008.7	85.6	- 0.9	88	26,29	73.3	- 0.9	67	14	75.9	83.7	71.8	74.2	24.5	+ 1.0	24.2	75	- 1				
Alleppey	12	1011.7		1008.5	87.7		93	21,22	73.5		66	30,31	77.6	84.3	74.2	76.2	27.0		26.9	85					
Trivandrum	200	1005.0	- 0.4	1001.9	86.8		89	4,15,23	71.6		66	29	74.3	83.1	71.8	74.9	25.1	+ 0.4	25.6	85	+ 2				
Madras, Southeast																									
Pamban	37	1011.8	- 0.1	1008.8	81.5	- 1.1	83	1,3,29	78.8	- 1.0	72	5,9	77.1	77.8	74.1	74.6	27.1	- 0.7	27.6	87	- 1				
Madura	437	998.2	- 0.6	994.4	86.1	+ 1.4	89	15,16,18	69.8	- 0.4	64	13	74.1	83.7	68.4	70.9	21.0	- 2.0	19.7	74	- 6				
Negapatam	31	1012.0	- 0.6	1009.3	80.9	- 1.1	85	15,16	70.8	- 1.5	66	12	73.1	78.5	69.8	72.1	28.1	- 2.1	23.7	84	0				
Trichinopoly*	295	1003.6	- 0.6	1001.1	86.4	+ 1.0	91	16,17	70.1	+ 0.5	61	13	73.2	83.7	68.0	70.9	20.9	- 1.8	19.6	75	- 3				
Coimbatore	1,341	967.6	- 0.6	963.8	85.3	+ 1.0	89	24	65.7	- 0.3	59	13	68.9	82.9	64.9	68.6	19.0</								

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Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10* or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.			
Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	8 hrs. I. S. T.								17 hrs. I. S. T.								53			
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52		
0.5	0.7	0	0	0	0	0	0	0	7.5	0	2	3	20	6	0	0	0	0	0	28	0	0	0	0	0	2	6	0	Konkan	
0.8	- 0.9	1.4	0	- 0.08	0	0	0	- 0.2	5.2	- 1.3	2	10	16	2	0	0	0	1	0	19	0	0	0	0	0	0	12	0	Dahanu	
1.2	- 1.0	0	0	- 0.15	0	0	0	- 0.4	3.0	- 1.5	1	2	9	3	0	0	0	1	15	0	0	0	0	0	0	1	13	14	Bombay	
1.3	0.8	0	0	0	0	0	0	0	7.7	0	2	9	9	2	2	1	2	4	0	3	0	0	0	0	0	1	4	26	0	Alibag
0.8	- 0.8	0.8	0	- 0.15	0	0	0	- 0.3	6.7	+ 0.7	1	16	10	2	0	0	0	1	1	0	0	0	0	0	0	0	14	16	Harnai	
2.3	2.5	0	0	0	0	0	0	0	0	0	0	3	27	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	Ratnagiri	
2.6	+ 0.4	2.4	0	- 0.35	0	0	0	- 0.6	6.1	+ 0.7	0	5	19	7	0	0	0	0	0	0	0	0	0	0	0	0	2	18	11	Devgad
3.0	3.2	0	0	- 0.37	0	0	0	- 0.4	3.3	0	4	24	1	0	0	1	0	1	2	3	1	0	0	0	0	0	13	12	Marmagao	
																													Honavar	
0.9	1.4	0	- 0.22	0	0	0	- 0.4	0	0	0	0	3	20	6	1	0	1	0	0	1	5	17	3	0	0	0	9	2	0	Bombay Decean
0.3	- 1.7	1.5	0	- 0.21	0	0	- 0.4	3.2	+ 0.3	0	0	0	0	0	0	1	14	3	13	2	13	1	1	3	5	0	2	4	0	Malegaon
0.5	- 1.2	0.6	0	- 0.26	0	0	- 0.5	3.9	+ 0.5	0	1	0	0	0	2	0	7	21	0	17	0	3	0	3	0	7	1	1	Ahmednagar	
0.9	- 0.8	1.3	0	- 0.15	0	0	- 0.5	2.1	- 1.4	0	2	0	0	0	1	0	0	28	0	4	11	2	0	1	6	0	7	1	Poona	
1.9	- 0.1	2.3	0	- 0.41	0	0	- 0.7	5.4	- 0.3	2	7	5	7	0	2	0	0	8	1	11	5	4	0	4	2	0	4	4	Sholapur	
1.3	- 1.0	1.2	0	- 0.28	0	0	- 0.6	5.5	+ 0.6	4	3	7	0	0	0	3	4	10	0	12	7	0	0	0	2	1	9	0	Miraj	
2.1	- 0.1	2.3	0	- 0.25	0	0	- 0.6	0.9	- 1.4	5	7	4	5	4	1	2	3	0	1	15	0	5	0	0	0	1	9	0	Bijapur	
1.3	- 0.9	1.1	0	- 0.34	0	0	- 0.5	3.5	+ 0.4	0	17	10	2	0	2	0	0	0	0	17	8	0	1	5	0	0	0	0	Belgaum	
4.0	+ 1.8	3.1	0	- 0.41	0	0	- 0.6	4.5	+ 0.1	2	12	7	6	2	2	0	0	0	0	15	9	3	0	1	1	2	0	0	Gadag	
0.6	- 1.5	0.7	0	- 0.27	0	0	- 0.5	4.7	+ 0.4	1	12	10	1	0	0	0	3	4	1	7	8	1	1	2	5	5	1	Hyderabad, North		
1.5	1.6	0	- 0.22	0	0	0	- 0.4	0	0	0	11	9	1	0	0	0	4	1	5	5	19	1	1	0	0	3	2	Parbhani		
2.0	- 0.5	2.2	0	- 0.24	0	0	- 0.5	6.2	+ 0.7	3	7	9	3	5	3	0	0	1	7	11	7	1	2	2	1	0	0	0	Bidar	
1.1	- 0.9	1.7	0	- 0.18	0	0	- 0.4	2.9	+ 1.1	0	1	0	1	2	0	0	0	27	5	15	1	1	1	0	0	0	0	Nizamabad		
0.7	0	0	0	0	0	0	0	0	0	0	13	3	0	1	4	3	1	6	0	0	0	0	0	0	0	0	Peddapalli			
1.4	- 0.3	1.4	0	- 0.15	0	0	- 0.3	6.9	+ 2.0	2	15	7	4	0	0	0	0	3	4	14	7	2	2	1	1	0	0	0	Hyderabad, South	
2.1	0	2.7	0	- 0.13	0	0	- 0.3	6.3	+ 1.0	0	14	6	7	2	0	0	1	1	1	16	5	6	2	0	0	1	0	0	Gulbarga	
2.5	- 0.1	2.2	0	- 0.30	0	0	- 0.4	4.5	+ 1.4	5	1	3	2	0	0	0	5	15	4	13	5	6	0	1	0	0	2	Raichur		
1.9	- 0.8	2.6	0	- 0.23	0	0	- 0.4	4.6	+ 2.0	6	2	0	5	6	2	1	3	6	11	12	0	4	2	1	0	0	1	1	Hanamkonda	
2.7	3.2	0.15	0.15	0.15	15	1	2.7	19	0	5	0	0	0	0	0	0	7	17	0	6	0	0	0	0	0	0	0	Khammameth		
2.8	- 0.6	4.0	0	- 0.52	0	0	- 0.8	4.6	0	0	2	15	5	0	0	0	0	9	0	8	18	1	0	0	1	1	2	2	Mysore	
2.8	3.1	0	0	0	0	0	- 1.1	3.1	+ 0.1	0	9	8	5	0	1	0	1	7	0	11	7	4	0	3	0	0	5	Chitaldrug		
3.7	- 0.7	4.7	0	- 0.44	0	0	- 1.2	5.3	+ 1.0	0	14	15	2	0	0	0	0	0	5	7	15	3	0	0	1	0	0	0	Hassan	
5.9	+ 1.6	5.7	0	- 0.40	0	0	- 0.9	5.9	- 0.2	3	13	5	2	2	1	2	1	2	9	11	6	2	0	0	2	2	0	0	Bangalore	
3.0	0	2.8	0	- 0.51	0	0	- 0.7	4.8	+ 1.4	0	2	29	0	0	0	0	0	5	0	0	0	0	0	0	1	1	24	0	Mysore	
4.3	+ 0.9	4.4	0	- 1.01	0	0	- 1.6	5.6	+ 1.6	0	16	14	1	0	0	0	0	3	0	2	16	5	0	3	1	0	4	Calicut		
5.0	5.0	0.09	0.09	16	0	5	5.2	0	0	23	5	0	0	0	0	0	0	3	0	2	16	5	0	3	1	0	4	Palghat		
6.3	+ 3.1	6.3	0.44	- 1.16	0.19	20	2	- 0.5	4.5	+ 0.9	0	15	14	2	0	0	0	0	0	0	0	0	0	1	2	7	18	3	Cochin	
5.2	4.5	0.46	0.13	- 2.67	0.09	12	2	4.7	0	4	16	6	0	0	1	0	4	1	0	0	0	0	0	0	2	18	10	Alleppey		
4.6	+ 0.1	4.9	4.20	+ 1.73	1.43	9	6	- 2.3	3.4	+ 0.8	6	16	4	3	0	0	0	2	0	0	0	1	4	13	10	2	1	Trivandrum		
5.4	+ 0.6	4.8	7.41	- 0.18	2.75	6	9	- 0.4	10.3	- 1.1	16	8	1	0	0	0	0	6	0	15	11	0	1	1	0	0	3	0	Madras, Southeast	
5.2	- 0.1	5.7	0.33	- 1.68	0.12	17	1	- 2.6	3.3	- 0.9	8	5	0	0	0	1	0	1	16	7	10	7	1	0	0	0	0	6	Madura	
6.3	0	7.2	5.27	- 5.68	2.43	5	7	- 2.1	8.9	+ 0.6	1	3	1	0	0	0	2	24	0	10	16	1	0	1	0	1	2	Negapatam		
5.0	+ 0.2	6.0	0.13	- 2.67	0.09	14	0	- 4.5	1.8	+ 1.4	9	12	0	0	0	1	8	1	2	20	8	0	0	0	0	1	0	Trichinopoly*		
4.6	- 0.1	4.8	0.33	- 1.03	0.31	17	1	- 1.6	0.1	- 2.4	0	0	0	0	0	0	0	31	0	1	0	0	0	0	0	0	0	Coimbatore		
4.1	+ 0.2	4.7	0	- 1.03	0	0	- 2.2	5.2	+ 1.9	2	11	6	0	0	1	3	1	7	0	8	18	0	2	0	0	0	3	Salem		
4.1	+ 0.2	4.7	0	- 1.03	0	0	- 6.3	7.0	+ 2.2	6	1	0	0	0	0	4	20	0	2	23	4	0	0	0</td						

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. I. S. T. (2-30 HRS. G. M.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.		Relative humidity %		
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Madras Coast, North																						
Nellore	66	1012.2	-0.8	1009.4	82.7	-1.0	87	4 days	67.0	-1.4	59	12	70.6	78.5	67.2	70.1	21.0	-2.7	21.0	85	-2	
Ongole (R)	...	1014.7	-1.1	1011.6	81.2	-1.4	85	4	65.4	-1.1	60	12	69.5	77.9	65.7	70.6	19.6	-1.6	22.1	81	0	
Masulipatam	10	1014.4	-0.9	1011.3	78.1	-2.4	81	1, 4, 5	64.8	-1.6	60	12	69.9	76.6	65.1	69.9	18.8	-0.9	21.7	76	+1	
Cocanada	26	1010.7	-1.3	1008.2	79.0	-1.7	83	4	66.8	-1.1	60	22	71.2	75.4	62.7	66.2	15.4	-2.6	17.6	61	-5	
Vizagapatam	126	1014.7	-1.3	1012.0	76.9	-3.4	83	25	61.7	-1.4	57	19	64.4	74.2	61.6	66.8	17.9	-0.9	18.8	84	+3	
Calingapatam	19	1014.7	-1.3	1012.0	76.9	-3.4	83	25	61.7	-1.4	57	19	64.4	74.2	61.6	66.8	17.9	-0.9	18.8	84	+3	
Hill Stations, ex- cluding Kashmir and Baluchistan																						
Shillong	4,921	853.0	+0.2	650.7	61.8	+0.2	68	18	87.8	-2.2	33	25	52.8	51.6	46.4	49.0	7.8	-1.4	10.7	60	-12	
Cherrapunji	4,309	871.6	-0.2	869.7	62.8	+0.5	70	18	47.7	-0.3	41	23	56.8	54.2	49.3	51.1	8.6	-1.5	11.4	59	-4	
Aijal	3,599	894.1		892.5	68.5		74	14	54.7		50	11	58.5	59.6	54.7	56.8	12.8		14.4	78		
Darjiling	7,432	778.3	+0.3	775.0	52.9	+2.4	65	19	35.6	-1.0	31	24, 31	43.0	42.1	37.2	38.1	5.4	-1.5	6.6	60	-9	
Kalimpong	3,965	870.7		868.2	65.0	-0.9	70	20	33.9	-3.8	30	4 days	37.0	61.0	35.7	51.9	6.5	-1.2	9.7	71	-5	
Katmandu	4,398	870.7		868.2	65.0	-0.9	70	20	33.9	-3.8	30	4 days	37.0	61.0	35.7	51.9	6.5	-1.2	9.7	88	-1	
Muktesar	7,592	771.8	-1.9	770.8	54.2	+1.0	65	18, 19	36.2	-2.2	30	29, 30, 31	39.9	46.5	32.1	38.9	3.4	-0.4	5.2	45	+3	
Mussooree	6,940				53.1	-0.5	61	18	37.3	-2.3	30	9, 26	44.5	45.2	37.2	40.8	4.9	0	7.2	52	+4	
Simla	7,224	782.0	-1.0	781.2	51.2	+0.6	62	18	36.6	-2.7	28	26, 27	40.9	44.4	32.2	37.2	3.2	-0.1	5.0	39	+2	
Murree	7,113	784.9	-0.9	785.0	48.5	-2.2	59	17	33.6	-1.3	20	22	37.6	43.3	30.6	35.5	3.3	-0.6	4.4	46	-4	
Wana	4,456	863.9		861.9	58.4	-1.5	65	1, 17	27.9	-1.6	20	23, 24, 29	31.7	55.5	28.9	41.8	4.2	-0.2	3.5	72	0	
Cherat	4,272	872.8	-0.1	871.6	54.7	+0.9	68	1, 18	41.6	-0.8	32	24	45.9	50.6	37.9	41.2	4.6	0	5.1	44	-6	
Parachinar	5,673	828.8	-0.1	828.4	55.8	+1.0	64	17	31.9	-0.6	26	22	34.4	50.3	31.6	42.3	5.0	+0.1	6.3	76	+11	
Drosh	4,723	864.1	+2.4	860.7	51.3	+0.8	59	1	35.4	-0.2	29	4 days	38.2	48.9	31.1	37.2	3.1	-1.7	2.9	41	-26	
Abu	3,945								47.3	-5.2	40	28, 29	52.0	62.5	42.0	47.8	5.1	-1.3	5.4	38	-9	
Pachmarhi	3,528	897.3	-0.9	895.9	70.6	-0.7	76	21	42.7	-3.1	33	17	49.7	65.5	45.2	54.0	8.5	-1.5	9.7	69	+4	
Mahabaleshwar	4,534	865.0	-0.2	863.5	73.0	+0.3	78	23, 24	55.0	-1.5	49	12, 13	57.8	66.7	48.7	54.6	8.0	-1.3	9.1	50	-8	
Mercara	3,781	887.0	-0.3	884.7	75.7	+0.8	79	10	57.6	-0.1	54	4 days	61.5	72.4	58.6	62.9	15.4	-0.2	15.7	83	-9	
Ootacamund	7,364	780.8	0	779.3	67.8	+2.8	74	14	39.9	-4.0	33	13, 28	45.5	59.6	41.9	53.5	7.3	-1.6	11.1	76	+9	
Coonoor	5,730	828.2			68.1	+2.5	72	1, 5	47.2	-2.0	38	13	55.4		51.0	11.1	-0.9		75	0		
Kodaikanal	7,688	771.9	+0.3	770.3	63.2	+1.5	70	4	47.5	+0.3	41	31	52.0	55.8	46.1	51.9	8.4	-0.7	11.7	67	0	
Ceylon									71.5	-1.0	65	13, 14	74.7		71.2		24.2	-1.6		84	-5	
Colombo	24	1011.4	-0.1																			
Trincomalee	24	1011.1	0	1008.4	80.5	-2.0	86	18	73.2	-1.2	71	7 days	75.9	78.7	72.5	78.7	25.4	-1.7	25.8	84	-4	
Hambantota	61	1008.7	-0.9	1005.6	84.9	+0.3	87	27, 30, 31	72.0	-0.8	68	28, 29	75.1	81.4	72.3	75.9	25.5	-0.1	27.7	87	-3	
Nuwara Eliya*	6,170	814.3	-0.8		68.8	+0.5	73	26, 28	47.1	-1.8	31	28	55.2		51.6	11.7	-2.0		80	-11		
Afghanistan																						
Jalalabad	1,950	949.4			946.0	64.8		76	1	35.5		28	26, 29	39.3	61.3	35.7	51.8	5.7		9.3	70	
Kabul	5,955	829.9			827.9	45.8	-1.8	58	1	22.1	-4.6	7	23	25.9	40.2	22.7	32.9	3.0	-0.3	3.8	67	-5
Kandahar	3,462	908.5			906.4	59.5		70	3	28.6		19	22	32.4	55.3	30.2	45.6	4.8		6.5	75	

* II hr. observations refer to 15-30 hrs. I.S.T.

(R)—Register not received.

AND 17 HRS. I. S. T. (11-30 HRS. G. M. T.)—DECEMBER 1945

Cloud amount (tenths of sky).				Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																		STATION
Mean 8 hrs. I.S.T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	8 hrs. I. S. T.								17 hrs. I. S. T.											
24	25	26	27	28	29	30	31	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52			
24	25	26	27	28	29	30	31	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52			
4.8	-0.2	5.0	0.06	-2.90	0.06	16	0	-3.0	4.2	+1.2	9	1	1	0	0	0	4	11	5	3	10	12	5	0	0	0	1	0	Madras Coast, North Nellore	
1.9	-0.6	3.0	0.29	-0.36	0.21	15	1	+0.2	6.0	+1.8	17	10	2	0	0	0	0	1	1	2	4	16	6	1	0	1	1	0	Ongole (R)	
2.5	-0.8	2.3	0.17	-0.53	0.12	16	1	+0.2	8.5	+2.1	10	20	0	0	0	0	0	1	0	0	11	5	15	0	0	0	0	0	Masulipatam	
2.8	-0.6	2.9	0.06	-0.51	0.06	15	0	-0.9	3.8	+0.4	11	3	1	0	0	0	0	0	16	1	12	11	4	1	0	0	0	2	Cocanada	
3.8	+1.4	4.0	0.37	-0.17	0.20	15	2	+1.6	9.3	+3.8	11	0	1	0	0	0	4	15	0	0	9	15	6	1	0	0	0	0	Vizagapatam	
																													Calingapatam	
1.3	-0.5	4.5	0.13	-0.15	0.09	6	0	-0.9	1.7	+0.5	1	1	8	5	2	0	1	1	12	2	1	0	2	0	0	0	0	0	26	Hill Stations, ex- cluding Kashmir and Baluchistan
2.5	+0.3	3.7	0	-0.49	0	0	0	-0.7	3.7	+1.2	15	10	1	1	3	0	0	0	2	3	4	2	3	6	6	0	0	5	Shillong	
3.8	2.0	3.10		2.28		11	2		4.4		0	1	19	7	0	3	0	0	1	1	0	4	2	1	8	4	11	0	Cherrapunji	
1.6	-1.6	3.0	0.13	-0.14	0.13	7	1	+0.3			0	0	20	4	0	0	0	0	31	0	0	0	30	1	0	0	0	0	Aijal	
1.2	-1.4	2.0	0	-0.82	0	0	0	-0.7	7.3	+0.5	0	0	0	0	0	0	0	31	7	0	1	0	0	0	0	0	0	Darjiling		
8.1	+0.5	1.3	0	-0.38	0	0	0	-0.8	0.5	-0.5	0	0	0	0	0	0	0	31	7	0	1	0	0	0	0	0	0	Kalimpong		
1.1	-1.8	1.9	0	-1.05	0	0	0	-1.8	5.6	+0.6	0	7	7	1	2	3	6	4	1	0	0	1	1	10	17	1	1	1	Muktesar	
2.0	-1.2	3.9	0.27	-1.11	0.16	9	2	-0.6	3.3	-1.2	5	4	0	3	6	4	0	1	8	2	0	2	6	10	1	1	1	5	Mussooree	
2.3	-1.2	3.3	0.14	-1.10	0.07	29	0	-2.4	2.1	-0.9	8	4	2	4	5	2	0	1	4	1	0	6	6	4	0	0	2	7	6	Simla
3.9	0	5.5	0.38	-1.42	0.32	22	1	-2.2	6.7	+1.7	2	8	10	5	0	0	1	4	1	0	6	6	4	0	0	2	7	6	Murree	
3.9	+1.9	4.0	0.63	-0.07	0.58	8	1	-0.8	2.3		0	0	0	2	7	3	2	1	16	0	1	6	14	3	3	2	1	1	Wana	
2.8	-0.8	4.0	0.12	-1.44	0.08	22	0	-2.2	10.9	+1.1	23	0	0	1	1	0	0	0	6	19	0	0	1	0	0	0	0	0	11	Cherat
3.3	-0.4	4.5	0.23	-1.00	0.12	21	1	-1.9	3.4	+1.4	23	0	0	0	0	0	1	0	7	0	0	9	17	2	0	1	0	1	Parachinar	
4.3	-0.1	4.6	0.22	-0.98	0.12	21	2	-1.2	4.5	+3.4	0	5	9	3	0	1	0	0	13	1	6	7	8	3	3	2	0	1	5	Drosh
0.2	-1.5	0.7	0	-0.12	0	0	0	-0.3	2.7	-0.2	4	2	0	0	1	1	1	0	22	9	3	2	1	4	3	6	0	3	Abu	
1.0	-1.1	2.9	0	-0.43	0	0	0	-0.8	1.5	-0.3	0	5	1	1	2	0	0	0	21	6	11	0	0	1	0	1	7	5	Pachmarhi	
1.7	-0.1	1.8	0	-0.21	0	0	0	-0.6	4.8	-2.3	1	0	0	17	0	4	0	0	1	1	7	1	4	0	4	0	6	8	Mahabaleshwar	
3.6	-1.6	3.4	0	-0.72	0	0	0	-1.2	6.2	+1.6	0	12	13	0	0	0	0	0	6	1	10	10	0	0	2	1	4	3	Mercara	
3.2	-0.6	5.0	0.05	-1.67	0.03	17	0	-0.7	1.1	-1.8	0	0	3	0	1	0	0	0	27	7	2	3	1	1	0	0	0	17	Ootacamund	
5.3	+0.1	6.44	-0.26	0.35		17	1	+0.2	3.8	+0.6	5	2	1	6	1	0	0	1	15										Koonoor	
4.9	+0.5	6.9	0.33	-4.83	0.09	17	0	-7.1	9.3	+1.1	5	6	3	6	1	0	2	5	3	4	10	0	1	0	0	2	7	7	Ceylon Colombo	
5.1	-0.4	4.11	-1.47	1.62		25	6	-1.6			4	15	6	1	1	0	0	2	2										Trincomalee	
5.7	-0.3	6.5	9.27	-4.39	3.96	6	8	-5.6			14	7	0	0	0	1	5	4	0	0	3	6	6	4	9	2	1	0	Hambantota	
3.9	-0.7	5.1	0.75	-4.24	0.33	6	3	-5.3																					Nuwara Eliya	
5.3	-0.6	4.70	-2.65	3.06		5	5	-6.5																					Afghanistan Jalalabad	
3.6	5.1	0.14		0.09		22	0		2.9		0	1	0	2	2	9	8	4	5	1	5	1	6	1	2	1	4	10	Kabul	
5.2	+0.4	4.7	0.78	+0.21	0.30	19	3	+1.4	3.7	+1.2	2	1	0	1	5	7	5	2	8	1	2	3	5	3	3	2	1	11	Kandahar	
3.7	4.4	0.97		0.56		19	3		1.4		0	5	2	0	0	2	1	2	19	1	3	1	1	4	14	3	2	2	2	

(R)—Register not received.

j—Mean of 25 days.

TABLE III—ABSTRACT OF OBSERVATIONS RECORDED A

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity millibars.				Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, millibars.			Relative humidity %		
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 4 hrs. G. M. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Iran																							
Charbar (R)	25																						
Jask	13	1018.1		1015.7	77.9	+ 0.1	84	1	62.8	- 0.4	56	26	65.9	76.5	61.2	68.5	16.6	+ 0.5	20.2	75	+ 5	65	
Bandar Abbas	29	1018.0		1015.2	76.0		85	1	59.9		45	23	61.0	74.9	55.2	64.9	12.1		16.5	67		57	
Bushire	14				69.3	+ 1.3	83	3	52.3	- 2.5	44	19, 21	57.9	67.8	54.6	62.8	13.1	+ 0.1	17.5	79	- 1	74	
Ispahan (R)	5,817																						
Meshed	3,104	900.0		898.2	54.2	+ 4.2	71	2	28.3	+ 0.7	14	21	36.9	47.8	34.0	41.3	5.4	+ 0.3	6.2	75	- 9	58	
Seistan	...	963.9		961.8	62.0	+ 1.0	73	4	32.6	- 2.6	19	23	39.1	59.9	35.4	47.6	5.7	- 0.5	6.2	70	+ 5	35	
Arabia																							
Bahrain	12	1018.2		1016.3	72.8	+ 1.1	83	3	62.6	+ 1.7	55	21, 22, 26	64.9	70.8	62.4	64.9	18.1	+ 1.4	18.3	87	+ 1	72	
Muscat (R)	15																						
Sharjah	18	1017.9		1015.7	79.1	+ 0.8	86	4	56.1	- 2.1	47	26, 27	60.7	76.2	55.5	64.7	12.9	- 2.2	15.7	70	- 13	51	

(R)—Register not received.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 4TH CLASS STATIONS—DECEMBER 194

STATION.	Maximum temperature °F.				Minimum temperature °F.				Mean dry bulb tempeature 8 hrs. I. S. T. °F.	Mean wet bulb tempeature 8 hrs. I. S. T. °F.	Mean 8 hrs. I. S. T.	Vapour pressure, millibars.	Relative Humidity %	Mean cloud amount 8 hrs. I. S. T.	Rainfall, inches.					Number of rainy days (0'10" or more).	Wind.		
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.							Total in the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Assam																							
Lumding	76.4	+ 2.4	81	4	47.9	- 2.8	41	26	58.1	56.2	14.6	- 0.7	88	- 6		0	- 0.14	0		0	- 0.4		
Bengal	78.2	- 1.6	83	1, 2, 3	53.0	- 1.2	44	25	59.2	55.9	18.7	- 1.9	79	0		0	- 0.15	0		0	- 0.8		
Kashmir																							
Jammu	70.4	+ 2.4	78	1	47.0	- 2.1	40	34	49.1	43.7	7.6	- 0.8	61	- 4	2.1	0.10	- 1.14	0.10	22	1	- 1.6	N.	
Kargil	84.2	- 1.7	43	1, 2, 7	17.2	- 1.0	7	5 days	20.0	16.4	1.7	- 1.2	50	- 27	3.2	0.50	- 0.08	0.30	22	3	+ 1.3	N 36 E	
Mysore																							
Balehonnur	79.9	+ 1.0	86	23	57.5	- 1.1	48	18	64.3	61.4	17.2	+ 1.1	85	+ 6		0	- 0.47	0		0	- 0.8		
Tibet																							
Yatung (Chumbi)	47.2	+ 0.4	55	19, 20	14.1	- 7.0	7	31	20.4	19.6	3.4	- 0.7	87	+ 1	0.7	0	- 0.37	0		0	- 0.8		
Iran																							
Zahidan	59.3	+ 1.2	78	8	30.6	- 0.4	13	28	48.2	40.0	5.7	- 0.1	44	- 24	1.9	0	- 0.33	0		0	- 1.2	S 45 E	5.8

AND 12 HRS. (G. M. T.)—DECEMBER 1945

4 hrs. G. M. T.	Cloud amount (tenths of sky).	Rainfall, inches.				Number of rainy days (0-10° or more).	Wind velocity, miles per hour.	Wind direction—Number of winds from												STATION.									
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.			4 hrs. G. M. T.						12 hrs. G. M. T.															
4 hrs. G. M. T.	Mean	12 hrs. G. M. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
94	95	96	97	98	99	90	91	92	93	94	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
2.1	- 0.7	2.0	0.06	- 1.09	0.06	20	0	- 2.0	9.2 + 1.7	7	14	3	0	0	0	2	5	0	1	0	2	5	4	11	7	1	0	Iran	
2.2	1.7	1.20		0.64		18	2		5.0	7	11	0	0	0	0	2	3	3	0	1	2	6	17	1	1	2	1	Jask	
3.7	+ 0.6	2.9	3.99	+ 0.98	2.32	16	7	+ 2.9	7.4 + 0.9	9	9	7	4	0	0	1	0	1	11	2	0	3	2	2	0	11	0	Bandar Abbas	
6.0	- 0.1	4.1	0.62	- 0.04	0.40	17	2	- 0.2	1.1 + 0.2	0	1	2	0	0	0	1	1	0	26	0	0	3	0	0	0	1	1	Bushire	
1.9	- 0.8	2.3	0	- 0.39	0		0	- 1.1		0	0	0	0	0	0	0	3	28	0	0	0	0	0	0	0	4	Ispahan (R)		
3.5	- 0.6	3.4	0.23	- 0.48	0.08	3	0	- 1.5	5.5 - 2.4	3	0	0	1	2	0	3	9	13	9	2	2	4	3	1	0	8	2	Meshed	
2.2	- 1.4	2.6	0.10	- 0.73	0.05	20, 24	0	- 1.5		0	1	10	9	6	1	2	2	0	5	1	0	0	0	1	14	10	0	Seistan	
																												Arabia	
																												Bahrain	
																												Muscat (R)	
																												Sharjah	

(R)—Register not received.

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. I. S. T. (2-30 HRS. G. M. T.) AT 5TH CLASS STATIONS—DECEMBER 1945

DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0-10° or more).	DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0-10° or more).		
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.				Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.			
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
Assam	Mawsynram (R)	...						Baluchistan	Harnai	0.14	- 0.63	0.14	21	1	- 0.4
Bengal	Bankura	0	- 0.11	0		0	- 0.3	Rajputana, East...	Udaipur	0	- 0.11	0	0	0	- 0.3
	Rajshahi	0	- 0.11	0		0	- 0.2	Bombay Deccan ...	Khandala (R)						
	Sirajganj	0	- 0.09	0		0	- 0.3	Madras Southeast.	Palamcottah	0.90	- 3.34	0.14	20	3	- 2.4
	Rangpur	0	- 0.08	0		0	- 0.2	Madras Deccan ...	Anantapur	0	- 0.25	0	0	0	- 0.5
	Cooch Behar	0	- 0.16	0		0	- 0.3	Sikkim	Lachung (R)						
Bihar	Muzaffarpur	0.10	- 0.02	0.10	27	1	+ 0.7								
	Chapra	0.43	+ 0.29	0.43	27	1	+ 0.6								
	Arrah	0.41	+ 0.24	0.41	27	1	+ 0.5								
United Provinces, West.	Meerut	0	- 0.48	0		0	- 1.2								
Punjab, East and North.	Dharampore	0	- 1.78	0		0	- 2.5								
	Kyelang	0.28	- 0.84	0.11	22	2	- 0.9								
	Dalhousie	0.86	- 2.97	0.40	23	3	- 1.5								
Kashmir	Sonamarg	3.13	- 2.49	1.48	22	4	- 3.3								
	Gurez	3.65	+ 0.88	1.65	21	3	- 3.5								

(R)—Register not received.